DATA FILES AND STATISTICS OF STREAM SILT ELEMENT CONTENT FOR MAP SHEETS 21 O/3c to 21 O/3f and 21 O/6a to 21 O/6h

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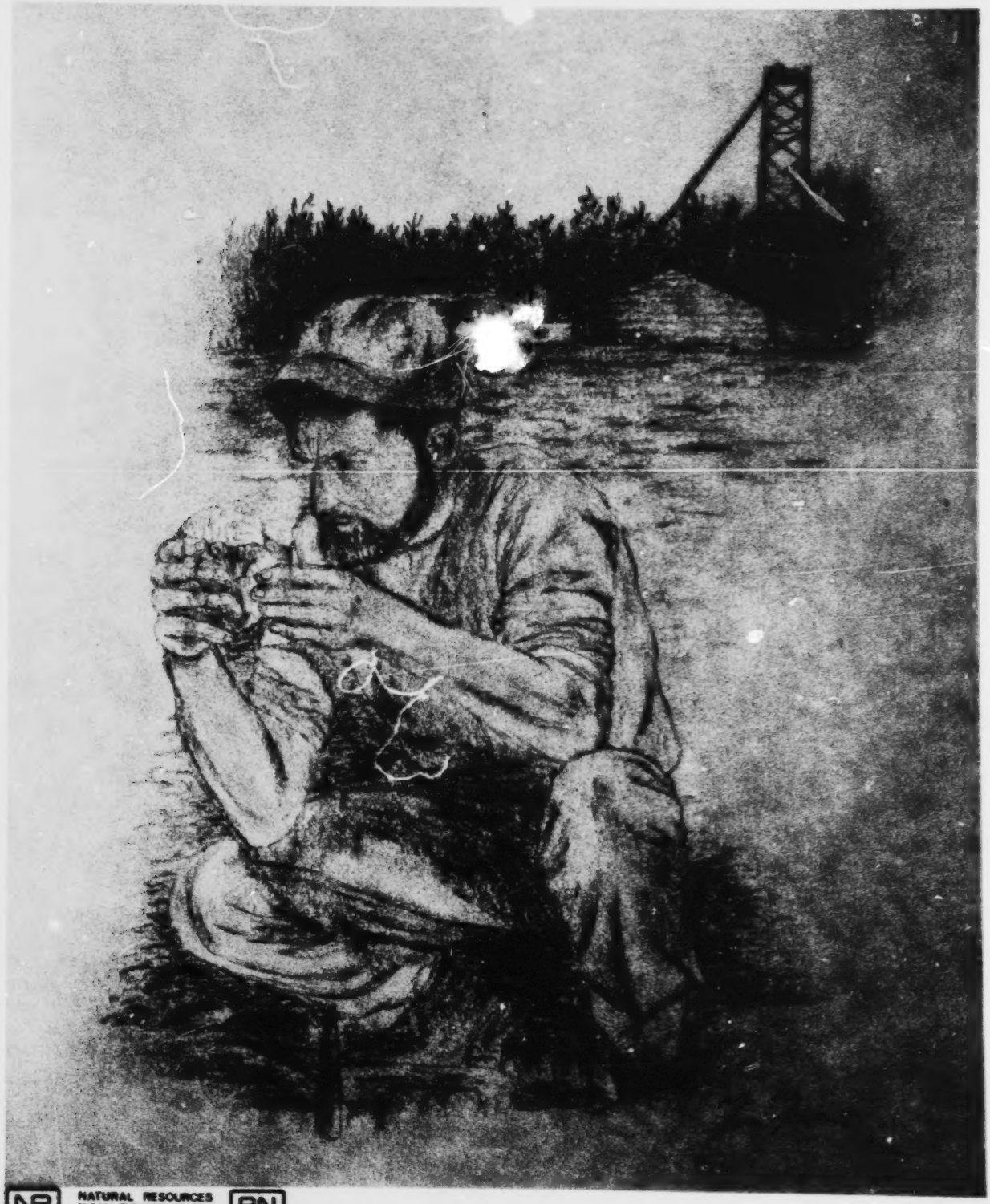

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DATA FILES AND STATISTICS OF STREAM SILT ELEMENT CONTENT FOR MAP SHEETS 21 O/3c to 21 O/3f and 21 O/6a to 21 O/6h

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Department of Natural Resources
New Brunswick

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NOTE

This is one of the "New Series" of Open File Reports issued by Mineral Resources Division. This series will have a minimum amount of editing and will include the following: (a) collections of statistical data with no accompanying report (b) collections of data associated with, but not to be included in, a formal report (c) unfinished manuscripts (d) computerized data (e) data that will be updated periodically.

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INTRODUCTION

In 1982, a total of 3547 stream silt samples were collected from map sheets 21 O/3W (Riley Brook) and 21 O/6 (Sisson) (1:50,000 NTS sheets) (Figure 1). These samples were collected by Water Management Services under contract to the Mineral Resources Division of the New Brunswick Department of Natural Resources.

The results of the analyses of these samples have been published as a series of 1:20,000 map plates which are listed from 84-8 to 84-20 (Figure 1 and Table 1).

Covered in this report, are the listings of the data by 1:20,000 map sheets as well as statistical analyses by 1:20,000 map sheet, 1:50,000 map sheet, and entire data block.

SAMPLE PREPARATION AND ANALYSIS

Stream sediment samples were collected in paper packets to facilitate air drying in a specially designed electrically heated (heat lamps) wooden cabinet. After drying, the samples were sifted to obtain the minus 80 mesh (< 170 μ) portions for analyses.

ANALYTICAL METHODS

Three different methods were used to analyze samples:

1. Atomic Absorption
2. Colorimetric
3. Neutron Activation

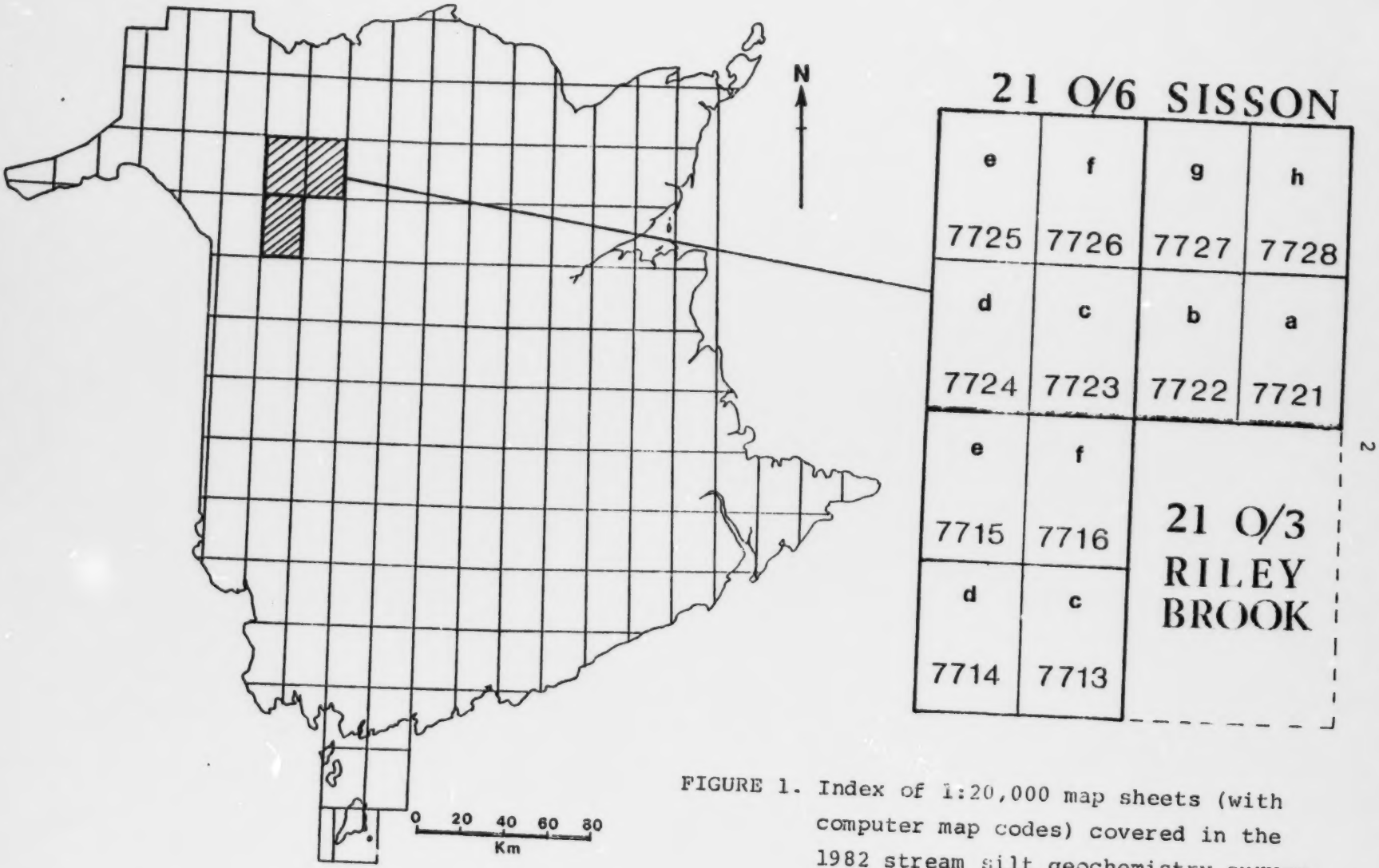

FIGURE 1. Index of 1:20,000 map sheets (with computer map codes) covered in the 1982 stream silt geochemistry survey.

MAP SHEET		STATIONS	Cu, Pb, Zn	Mn, Fe%	Ag, Co	Ni	Mo, W	U
21 O/3C	PLATE NO.	84-20a	84-8a	84-8b	84-8c	84-8d	84-8e	84-8f
21 O/3d		84-20b	84-9a	84-9b	84-9c	84-9d	84-9e	84-9f
21 O/3e		84-20c	84-10a	84-10b	84-10c	84-10d	84-10e	84-10f
21 O/3f		84-20d	84-11a	84-11b	84-11c	84-11d	84-11e	84-11f
21 O/6a		84-20e	84-12a	84-12b	84-12c	84-12d	84-12e	84-12f
21 O/6b		84-20f	84-13a	84-13b	84-13c	84-13d	84-13e	84-13f
21 O/6c		84-20g	84-14a	84-14b	84-14c	84-14d	84-14e	84-14f
21 O/6d		84-20h	84-15a	84-15b	84-15c	84-15d	84-15e	84-15f
21 O/6e		84-20i	84-16a	84-16b	84-16c	84-16d	84-16e	84-16f
21 O/6f		84-20j	84-17a	84-17b	84-17c	84-17d	84-17e	84-17f
21 O/6g		84-20k	84-18a	84-18b	84-18c	84-18d	84-18e	84-18f
21 O/6h		84-20m	84-19a	84-19b	84-19c	84-19d	84-19e	84-19f

TABLE I. Index of Plate Numbers for the 1:20,000 Map Sheets Containing Stream Silt Analysis.

Atomic Absorption: Eight elements were analyzed by this method: Cu, Pb, Zn, Mo, Fe, Ag, Co, and Ni.

Samples of 1 g were digested with hot nitric acid and the clear liquid introduced as an aerosol into an air-acetylene flame of the Perkin Elmer Atomic Absorption Instrument (Model 503). The measured absorbance for each element was compared to prepared standards and the element content determined in parts per million as described in the Perkin Elmer Atomic Absorption Model 503 manuals (1976) (Figure 2).

Colorimetric Method: This method was used in the analysis for molybdenum and tungsten.

Samples of 0.25 g for molybdenum and 0.50 g for tungsten were fused with potassium hydrogen sulphide and leached with hydrochloric acid. A color complex of each sample was then prepared for visual comparison with prepared standards as described in Stanton (1976).

Neutron Activation: Uranium analyses were done by the method of Neutron Activation (Delayed Neutron Counting), at the Atomic Energy of Canada Limited Commercial Products Division in Ottawa. When a sample containing uranium is bombarded with a neutron flux in a reactor facility, fission of the uranium occurs. Some of the fisson-product nuclides emit delayed neutrons. The number of delayed neutrons emitted is a linear function of the amount of uranium present in the sample. Because the delayed neutrons can be detected and selectively counted, the total amount of uranium present in the sample can be readily determined by comparison to

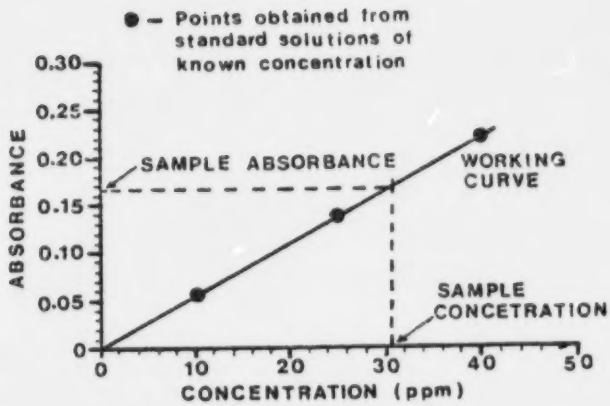

FIGURE 2. Example of Working Curve relating Absorbance to Concentration for a routine analysis (Perkin-Elmer,1976.)

a standard reference material containing a known level of uranium (A.E.C.L., 1978).

STATISTICAL PACKAGES

Two statistical packages of the data were prepared. They are termed Statistics I and Statistics II, respectively. In the Statistics I package, the following parameters for each of the elements were calculated: mean, median, mode, maximum, minimum, range, variance and standard deviation. The data set was also divided into count cells and a frequency distribution plot was created. A line plot was also drawn showing maximum, minimum, mean, median, mode, standard deviation, and quartiles. A Statistics I package was created for each 1:20,000 sheet, 1:50,000 sheet, and also for the entire data set.

The Statistics II package compares the elemental values of organic samples versus inorganic samples. Similar comparisons can be made using the rock type and age codes in the data list. In the Statistics II package, the following parameters are calculated for each data set: mean, standard deviation, maximum and minimum. The frequency distribution of each group of data is also determined and plotted.

The Statistics I and II computer programs are taken from BMDP Biomedical Computer Programs P-Series (1979) in which they are identified as BMDP2 and BMDP3, respectively.

REFERENCES

BMDP, 1979. Biomedical Computer Programs P-Series. University of California Press.

Perkin-Elmer, 1976. Analytical Methods for Atomic Absorption Spectrophotometry. Perkin-Elmer, Norfolk, Connecticut.

Stanton, R.E. 1976. Analytical Methods For Use In Geochemical Exploration. Edward Arnold Publishers.

DATA LISTINGS & STATISTICS

21 O/3c
1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7713 21 O/3C

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7713001	47.1125	-67.3262	0	0	1	19.0	26.0	71.0	860.0	2.50	17.0	45.0	1.0	2.0		8.0	
82	7713002	47.1132	-67.3222	0	0	1	22.0	32.0	97.0	1900.0	2.69	23.0	58.0	1.5	2.0		12.0	
82	7713003	47.1158	-67.3184	0	0	1	21.0	29.0	89.0	1600.0	2.63	20.0	52.0	1.5	2.0	6.7	16.0	
82	7713004	47.1152	-67.3273	0	0	1	13.0	29.0	89.0	1100.0	2.51	19.0	47.0	1.0	2.0		12.0	
82	7713005	47.1180	-67.3267	0	0	1	13.0	23.0	94.0	770.0	2.60	19.0	50.0	1.0	2.0	3.3	12.0	
82	7713006	47.1206	-67.3260	0	0	1	16.0	36.0	94.0	590.0	2.73	19.0	52.0	1.0	2.0		8.0	
82	7713007	47.1227	-67.3260	0	0	1	12.0	23.0	97.0	720.0	2.56	19.0	52.0	1.0	2.0		12.0	
82	7713008	47.1102	-67.3330	0	0	1	12.0	23.0	71.0	440.0	2.05	15.0	39.0	.5	2.0	3.7	8.0	
82	7713009	47.1082	-67.3320	0	0	1	9.0	23.0	66.0	330.0	1.84	15.0	37.0	1.0	2.0		2.0	
82	7713010	47.1020	-67.3298	0	0	1	11.0	29.0	74.0	760.0	2.25	19.0	44.0	1.0	2.0		8.0	
82	7713011	47.1150	-67.3312	0	0	1	11.0	23.0	74.0	700.0	2.02	16.0	40.0	1.0	2.0	2.8	8.0	
82	7713012	47.1177	-67.3344	0	0	1	12.0	26.0	77.0	470.0	2.05	17.0	42.0	1.0	2.0		8.0	
82	7713013	47.1229	-67.3363	0	0	1	12.0	23.0	73.0	690.0	2.13	17.0	42.0	1.0	2.0		16.0	
82	7713014	47.0848	-67.2992	0	0	1	11.0	23.0	65.0	750.0	2.03	16.0	46.0	1.0	2.0		12.0	
82	7713015	47.0874	-67.3021	0	0	1	14.0	23.0	76.0	770.0	2.44	19.0	55.0	1.0	2.0		12.0	
82	7713016	47.0910	-67.3014	0	0	1	10.0	23.0	71.0	440.0	2.04	15.0	46.0	1.0	2.0	3.6	12.0	
82	7713017	47.0932	-67.3038	0	0	1	12.0	20.0	71.0	740.0	2.09	15.0	47.0	1.0	2.0		12.0	
82	7713018	47.0960	-67.3047	0	0	1	13.0	23.0	69.0	470.0	2.18	19.0	48.0	1.0	2.0		16.0	
82	7713019	47.0993	-67.3036	0	0	1	12.0	23.0	76.0	770.0	2.23	19.0	48.0	1.0	2.0	3.1	8.0	
82	7713020	47.1023	-67.3048	0	0	1	10.0	20.0	60.0	530.0	1.82	17.0	40.0	.5	2.0		12.0	
82	7713021	47.1042	-67.3064	0	0	1	7.0	23.0	66.0	930.0	1.22	18.0	33.0	.5	2.0		12.0	
82	7713022	47.1047	-67.3102	0	0	1	7.0	23.0	65.0	800.0	1.18	19.0	33.0	.5	2.0	3.5	12.0	
82	7713023	47.1064	-67.3137	0	0	1	7.0	26.0	58.0	540.0	.96	16.0	27.0	.5	2.0		12.0	
82	7713024	47.1063	-67.3023	0	0	1	5.0	17.0	58.0	580.0	1.28	15.0	26.0	.5	2.0		16.0	
82	7713025	47.1081	-67.3025	0	0	1	6.0	17.0	58.0	420.0	1.31	13.0	27.0	.5	2.0	5.1	16.0	
82	7713026	47.1110	-67.3023	0	0	1	5.0	17.0	55.0	470.0	1.16	12.0	26.0	.5	2.0		16.0	
82	7713027	47.1128	-67.3019	0	0	1	5.0	15.0	56.0	470.0	1.17	12.0	26.0	.5	2.0		12.0	
82	7713028	47.1143	-67.3019	0	0	1	6.0	20.0	60.0	530.0	1.29	14.0	29.0	.5	2.0		16.0	
82	7713029	47.1162	-67.3018	0	0	1	7.0	23.0	76.0	920.0	1.52	16.0	33.0	1.0	2.0		16.0	
82	7713030	47.1047	-67.2978	0	0	1	13.0	26.0	77.0	1100.0	2.40	21.0	53.0	1.0	2.0	4.5	16.0	
82	7713031	47.1065	-67.2946	0	0	1	11.0	23.0	66.0	1100.0	1.92	18.0	44.0	.5	2.0		16.0	
82	7713032	47.1117	-67.2921	0	0	1	3.0	17.0	40.0	360.0	.64	10.0	18.0	.5	2.0	2.1	12.0	
82	7713033	47.1152	-67.2931	0	0	1	12.0	23.0	71.0	1400.0	2.11	19.0	46.0	.5	2.0		12.0	
82	7713034	47.1218	-67.3674	0	0	2	10.0	23.0	87.0	430.0	2.37	21.0	49.0	.5	2.0		20.0	
82	7713035	47.1195	-67.3641	0	0	2	11.0	23.0	116.0	660.0	2.86	27.0	63.0	1.0	2.0		16.0	
82	7713036	47.1183	-67.3618	0	0	2	9.0	20.0	79.0	530.0	1.88	17.0	40.0	.5	2.0		16.0	
82	7713037	47.1163	-67.3591	0	0	2	10.0	23.0	92.0	740.0	2.48	21.0	54.0	1.0	2.0	3.5	12.0	
82	7713038	47.1146	-67.3564	0	0	1	11.0	23.0	90.0	750.0	2.21	19.0	47.0	1.0	2.0		16.0	
82	7713039	47.1125	-67.3545	0	0	1	9.0	23.0	87.0	970.0	2.19	19.0	46.0	1.0	2.0		12.0	
82	7713040	47.1107	-67.3528	0	0	1	10.0	23.0	95.0	1200.0	2.37	21.0	49.0	1.0	2.0	4.1	20.0	
82	7713041	47.1075	-67.3514	0	0	1	13.0	29.0	84.0	310.0	2.34	20.0	52.0	1.0	2.0		16.0	
82	7713042	47.1048	-67.3499	0	0	1	12.0	26.0	87.0	1100.0	2.51	20.0	48.0	1.0	2.0		16.0	
82	7713043	47.1014	-67.3478	0	0	1	10.0	23.0	89.0	1000.0	2.34	19.0	45.0	1.0	2.0	3.2	8.0	
82	7713044	47.0989	-67.3455	0	0	1	11.0	29.0	90.0	1400.0	2.29	18.0	42.0	1.0	2.0		12.0	
82	7713045	47.0962	-67.3410	0	0	1	11.0	26.0	84.0	990.0	2.19	18.0	40.0	1.0	2.0		12.0	
82	7713006	47.0760	-67.3742	0	0	2	14.0	27.0	84.0	560.0	2.83	20.0	57.0	1.0	2.0		8.0	
82	7713047	47.0017	-67.3316	0	0	1	10.0	17.0	73.0	510.0	1.50	12.0	33.0	1.0	2.0	2.6	12.0	
82	7713048	47.0040	-67.3323	0	0	1	9.0	17.0	75.0	480.0	1.67	13.0	36.0	.5	2.0		4.0	
82	7713049	47.0066	-67.3335	0	0	1	12.0	23.0	83.0	550.0	1.75	15.0	38.0	1.0	2.0		8.0	
82	7713050	47.0313	-67.3460	0	0	1	6.0	18.0	50.0	410.0	1.44	12.0	33.0	1.0	2.0	3.5	20.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7713 21 O/3C

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7713051	47.0284	-67.3480	0	0	1	7.0	21.0	55.0	640.0	1.58	13.0	36.0	1.0	2.0		20.0	
82	7713052	47.0267	-67.3505	0	0	1	6.0	21.0	60.0	260.0	1.84	14.0	38.0	1.0	2.0		16.0	
82	7713053	47.0245	-67.3540	0	0	1	8.0	21.0	65.0	550.0	1.77	14.0	40.0	1.0	2.0	5.0	24.0	
82	7713054	47.0229	-67.3599	0	0	1	6.0	21.0	60.0	960.0	1.50	13.0	27.0	1.0	2.0		24.0	
82	7713055	47.0227	-67.3548	0	0	1	6.0	24.0	69.0	2500.0	1.78	16.0	33.0	1.0	2.0		12.0	
82	7713056	47.0238	-67.3518	0	0	1	6.0	24.0	69.0	2800.0	1.50	16.0	31.0	1.0	2.0		8.0	
82	7713057	47.0288	-67.3435	0	0	1	8.0	21.0	66.0	680.0	2.05	17.0	42.0	1.0	2.0		8.0	
82	7713058	47.0270	-67.3424	0	0	1	7.0	18.0	58.0	750.0	1.61	14.0	35.0	1.0	2.0	3.6	8.0	
82	7713059	47.0269	-67.3395	0	0	1	15.0	27.0	61.0	1800.0	2.10	21.0	48.0	1.0	2.0		16.0	
82	7713060	47.0292	-67.3392	0	0	1	6.0	18.0	40.0	340.0	1.61	12.0	32.0	1.0	2.0		12.0	
82	7713061	47.0318	-67.3410	0	0	1	11.0	21.0	52.0	910.0	1.75	16.0	41.0	1.0	2.0		20.0	
82	7713062	47.0228	-67.3400	0	0	1	8.0	18.0	55.0	710.0	1.58	14.0	35.0	1.0	2.0		20.0	
82	7713063	47.0204	-67.3395	0	0	1	6.0	18.0	50.0	820.0	1.52	13.0	32.0	1.0	2.0	3.0	16.0	
82	7713064	47.0182	-67.3404	0	0	1	7.0	21.0	58.0	670.0	1.67	14.0	35.0	1.0	2.0		20.0	
82	7713065	47.0155	-67.3411	0	0	1	9.0	24.0	66.0	1100.0	1.84	14.0	39.0	1.0	2.0		16.0	
82	7713066	47.0135	-67.3444	0	0	1	8.0	21.0	47.0	690.0	1.07	10.0	26.0	1.0	2.0	5.5	20.0	
82	7713067	47.0140	-67.3474	0	0	1	5.0	24.0	52.0	960.0	1.21	12.0	28.0	1.0	2.0	2.8	20.0	
82	7713068	47.0154	-67.3500	0	0	1	4.0	21.0	47.0	830.0	1.20	10.0	27.0	1.0	2.0		20.0	
82	7713069	47.0106	-67.3406	0	0	1	5.0	18.0	47.0	540.0	1.43	11.0	30.0	1.0	2.0		20.0	
82	7713070	47.0067	-67.3415	0	0	1	9.0	21.0	57.0	380.0	1.45	13.0	33.0	1.0	2.0		20.0	
82	7713071	47.0024	-67.3416	0	0	1	6.0	18.0	52.0	980.0	1.33	12.0	29.0	.5	2.0	3.7	20.0	
82	7713072	47.0075	-67.3312	0	0	1	7.0	18.0	75.0	420.0	1.32	13.0	29.0	1.0	2.0		16.0	
82	7713073	47.0095	-67.3320	0	0	1	14.0	31.0	54.0	220.0	1.56	13.0	34.0	1.0	2.0	3.8	16.0	
82	7713074	47.0088	-67.3235	0	0	1	12.0	25.0	39.0	340.0	.78	8.0	19.0	1.5	2.0		28.0	
82	7713075	47.0088	-67.3080	0	0	1	10.0	28.0	87.0	2100.0	1.46	13.0	41.0	1.0	2.0	3.5	24.0	
82	7713076	47.0147	-67.2904	0	0	1	5.0	25.0	44.0	1400.0	1.25	11.0	22.0	.5	2.0		20.0	
82	7713077	47.0140	-67.2865	0	0	1	8.0	22.0	49.0	710.0	1.28	11.0	24.0	.5	2.0		28.0	
82	7713078	47.0312	-67.3118	0	0	2	8.0	18.0	35.0	140.0	1.77	13.0	44.0	1.0	2.0		16.0	
82	7713079	47.0293	-67.3104	0	0	2	10.0	24.0	83.0	2400.0	2.12	17.0	40.0	1.0	2.0	2.5	20.0	
82	7713080	47.0283	-67.3156	0	0	2	11.0	30.0	108.0	5900.0	2.92	22.0	50.0	1.0	2.0		20.0	
82	7713081	47.0258	-67.3099	0	0	2	11.0	27.0	102.0	1400.0	2.40	20.0	40.0	1.0	2.0		20.0	
82	7713082	47.0234	-67.3082	0	0	2	6.0	30.0	41.0	820.0	.85	11.0	19.0	1.0	2.0		16.0	
82	7713083	47.0287	-67.3000	0	0	1	10.0	43.0	35.0	610.0	.61	10.0	13.0	1.0	2.0		20.0	
82	7713084	47.0775	-67.2853	0	0	1	6.0	22.0	31.0	640.0	.93	9.0	18.0	1.0	2.0	3.0	16.0	
82	7713085	47.0785	-67.2812	0	0	1	5.0	31.0	51.0	510.0	.89	7.0	15.0	1.0	2.0		20.0	
82	7713086	47.0756	-67.2748	0	0	1	5.0	31.0	42.0	620.0	.79	7.0	13.0	1.0	2.0	8.2	40.0	
82	7713087	47.0745	-67.2721	0	0	1	5.0	37.0	74.0	790.0	.83	7.0	14.0	1.0	2.0		24.0	
82	7713088	47.0717	-67.2702	0	0	1	6.0	40.0	59.0	290.0	.60	7.0	13.0	1.0	2.0		24.0	
82	7713089	47.0735	-67.2645	0	0	1	4.0	31.0	28.0	480.0	.84	8.0	14.0	.5	2.0		24.0	
82	7713090	47.0781	-67.2600	0	0	1	13.0	209.0	170.0	1900.0	2.21	15.0	21.0	1.0	2.0		24.0	
82	7713091	47.0767	-67.2560	0	0	1	22.0	190.0	172.0	380.0	1.09	11.0	19.0	1.5	2.0		12.0	
82	7713092	47.0694	-67.2690	0	0	1	7.0	40.0	96.0	680.0	.78	7.0	13.0	1.0	2.0		12.0	
82	7713093	47.0652	-67.2641	0	0	1	5.0	46.0	101.0	1400.0	1.61	11.0	20.0	1.0	2.0		20.0	
82	7713094	47.0637	-67.2603	0	0	1	6.0	46.0	96.0	2100.0	2.26	13.0	20.0	1.0	2.0		24.0	
82	7713095	47.0625	-67.2567	0	0	1	5.0	34.0	71.0	630.0	1.80	9.0	17.0	.5	2.0	7.7	24.0	
82	7713096	47.0620	-67.2518	0	0	1	6.0	40.0	84.0	1500.0	1.50	10.0	19.0	.5	2.0		16.0	
82	7713097	47.0667	-67.2520	0	0	1	7.0	40.0	94.0	1800.0	1.88	12.0	22.0	1.0	2.0	8.0	28.0	
82	7713098	47.0662	-67.2550	0	0	1	7.0	37.0	89.0	3300.0	1.76	12.0	19.0	.5	2.0		16.0	
82	7713099	47.0655	-67.2593	0	0	1	7.0	37.0	95.0	1800.0	1.61	13.0	23.0	.5	2.0		20.0	
82	7713100	47.0712	-67.2538	0	0	1	7.0	46.0	103.0	4400.0	2.70	23.0	34.0	1.0	2.0		16.0	

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* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7713 21 O/3C

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7713101	47.0711	-67.2593	0	0	1	6.0	27.0	65.0	1100.0	1.52	14.0	30.0	.5	2.0	3.1	16.0	
82	7713102	47.0712	-67.2642	0	0	1	11.0	37.0	82.0	1500.0	.62	8.0	15.0	.5	2.0		16.0	
82	7713103	47.0367	-67.2854	0	0	1	5.0	18.0	33.0	450.0	.82	8.0	17.0	.5	2.0		24.0	
82	7713104	47.0389	-67.2778	0	0	1	4.0	15.0	33.0	530.0	.78	8.0	16.0	.5	2.0		24.0	
82	7713105	47.0387	-67.2720	0	0	1	4.0	15.0	34.0	400.0	.83	8.0	17.0	.5	2.0		20.0	
82	7713106	47.0385	-67.2657	0	0	1	5.0	21.0	46.0	630.0	1.06	9.0	19.0	.5	2.0		24.0	
82	7713107	47.0404	-67.2626	0	0	1	4.0	21.0	44.0	450.0	.77	8.0	16.0	.5	2.0		28.0	
82	7713108	47.0420	-67.2604	0	0	1	6.0	30.0	47.0	880.0	1.00	8.0	17.0	.5	2.0		28.0	
82	7713109	47.0422	-67.2578	0	0	1	5.0	24.0	52.0	560.0	.87	8.0	17.0	1.0	2.0		16.0	
82	7713110	47.0433	-67.2538	0	0	1	5.0	24.0	54.0	440.0	.87	9.0	17.0	.5	2.0		20.0	
82	7713111	47.0574	-67.2602	0	0	1	4.0	15.0	29.0	610.0	.80	8.0	14.0	.5	2.0		24.0	
82	7713112	47.0553	-67.2630	0	0	1	4.0	21.0	29.0	1200.0	1.09	8.0	13.0	.5	2.0		40.0	
82	7713113	47.0514	-67.2657	0	0	1	4.0	15.0	26.0	570.0	.71	7.0	12.0	.5	2.0		28.0	
82	7713114	47.0487	-67.2711	0	0	1	5.0	15.0	28.0	620.0	.70	8.0	12.0	.5	2.0		28.0	
82	7713115	47.0466	-67.2711	0	0	1	4.0	18.0	36.0	510.0	.80	8.0	13.0	.5	2.0		40.0	
82	7713116	47.0449	-67.2720	0	0	1	4.0	15.0	29.0	400.0	.73	8.0	13.0	.5	2.0		80.0	
82	7713117	47.0405	-67.2759	0	0	1	4.0	18.0	34.0	640.0	.81	8.0	14.0	.5	2.0		80.0	
82	7713118	47.0833	-67.3270	0	0	1	11.0	35.0	119.0	1500.0	2.39	19.0	52.0	1.0	2.0	3.0	12.0	
82	7713119	47.0817	-67.3298	0	0	1	10.0	32.0	106.0	1600.0	2.32	19.0	50.0	1.0	2.0		8.0	
82	7713120	47.0803	-67.3323	0	0	1	9.0	29.0	87.0	1500.0	2.13	17.0	47.0	1.0	2.0		8.0	
82	7713121	47.0792	-67.3350	0	0	1	9.0	29.0	87.0	1400.0	2.34	18.0	52.0	1.0	2.0	2.6	12.0	
82	7713122	47.0854	-67.3282	0	0	1	10.0	23.0	93.0	700.0	2.25	18.0	50.0	1.0	2.0		16.0	
82	7713123	47.0864	-67.3300	0	0	1	8.0	23.0	78.0	630.0	1.92	15.0	41.0	1.0	2.0	3.2	16.0	
82	7713124	47.0877	-67.3335	0	0	1	9.0	20.0	70.0	930.0	1.88	16.0	39.0	1.0	2.0		12.0	
82	7713125	47.0852	-67.3222	0	0	1	10.0	27.0	91.0	710.0	2.30	17.0	49.0	1.0	2.0		16.0	
82	7713126	47.0863	-67.3200	0	0	1	8.0	23.0	88.0	880.0	2.06	15.0	45.0	1.0	2.0		16.0	
82	7713127	47.0910	-67.3342	0	0	1	10.0	27.0	76.0	830.0	2.10	16.0	40.0	1.0	2.0	4.1	12.0	
82	7713128	47.0939	-67.3252	0	0	1	10.0	23.0	58.0	570.0	2.04	16.0	39.0	1.0	2.0		12.0	
82	7713129	47.0964	-67.3262	0	0	1	11.0	23.0	63.0	720.0	2.04	14.0	38.0	1.0	2.0	3.6	16.0	
82	7713130	47.0980	-67.3263	0	0	1	9.0	23.0	63.0	710.0	2.04	15.0	40.0	1.0	2.0		20.0	
82	7713131	47.0997	-67.3275	0	0	1	10.0	23.0	57.0	360.0	1.86	14.0	40.0	1.0	2.0		12.0	
82	7713132	47.0915	-67.3230	0	0	1	13.0	23.0	77.0	820.0	2.12	15.0	40.0	1.0	2.0	4.0	16.0	
82	7713133	47.0890	-67.3199	0	0	1	11.0	27.0	72.0	780.0	2.17	16.0	44.0	1.0	2.0		12.0	
82	7713134	47.0862	-67.3154	0	0	1	11.0	27.0	65.0	660.0	2.11	16.0	44.0	1.0	2.0		12.0	
82	7713135	47.0840	-67.3107	0	0	1	10.0	27.0	63.0	450.0	2.06	15.0	42.0	1.0	2.0	3.0	8.0	
82	7713136	47.0827	-67.3057	0	0	1	12.0	27.0	58.0	570.0	1.71	13.0	36.0	1.0	2.0		16.0	
82	7713137	47.0832	-67.3010	0	0	1	9.0	27.0	65.0	2500.0	2.04	15.0	39.0	1.0	2.0		8.0	
82	7713138	47.0795	-67.2988	0	0	1	12.0	30.0	108.0	2300.0	1.54	12.0	58.0	1.0	2.0	4.5	8.0	
82	7713139	47.0754	-67.3000	0	0	1	9.0	20.0	55.0	790.0	1.83	14.0	41.0	1.0	2.0		12.0	
82	7713140	47.0729	-67.2960	0	0	1	8.0	20.0	47.0	900.0	1.62	12.0	36.0	1.0	2.0		12.0	
82	7713141	47.1244	-67.2903	0	0	1	5.0	18.0	66.0	510.0	1.30	12.0	27.0	.5	2.0		8.0	
82	7713142	47.1213	-67.2903	0	0	1	12.0	24.0	70.0	860.0	2.20	16.0	45.0	1.0	2.0		8.0	
82	7713143	47.1170	-67.2904	0	0	1	15.0	24.0	78.0	750.0	2.70	20.0	56.0	1.0	2.0	3.0	12.0	
82	7713144	47.1167	-67.2931	0	0	1	9.0	24.0	61.0	570.0	2.20	17.0	41.0	1.0	2.0		12.0	
82	7713145	47.1188	-67.2922	0	0	1	10.0	27.0	87.0	1500.0	2.69	17.0	39.0	1.0	2.0		12.0	
82	7713146	47.1198	-67.2959	0	0	1	8.0	33.0	86.0	3900.0	2.67	21.0	43.0	1.0	2.0	2.6	12.0	
82	7713147	47.1213	-67.2981	0	0	1	15.0	47.0	56.0	3900.0	1.89	18.0	27.0	1.0	4.0		16.0	
82	7713148	47.1220	-67.3013	0	0	1	12.0	23.0	70.0	750.0	2.28	16.0	50.0	1.0	2.0		16.0	
82	7713149	47.1077	-67.3739	0	0	2	11.0	30.0	79.0	360.0	1.97	16.0	43.0	1.0	2.0	3.8	12.0	
82	7713150	47.1055	-67.3711	0	0	2	10.0	23.0	99.0	850.0	2.42	20.0	53.0	1.0	2.0	3.0	8.0	

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MAP SHEET 7713 21 O/3C

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7713151	47.1043	-67.3673	0	0	2	11.0	27.0	88.0	660.0	2.34	17.0	44.0	1.0	2.0		4.0	
82	7713152	47.1033	-67.3638	0	0	2	14.0	30.0	103.0	550.0	2.15	16.0	46.0	1.0	2.0		8.0	
82	7713153	47.1016	-67.3594	0	0	1	11.0	30.0	116.0	1000.0	2.76	22.0	56.0	1.0	2.0	4.0	12.0	
82	7713154	47.1005	-67.3560	0	0	1	13.0	30.0	114.0	1500.0	2.43	21.0	51.0	1.0	2.0		8.0	
82	7713155	47.0989	-67.3529	0	0	1	12.0	30.0	101.0	1400.0	2.63	21.0	52.0	1.0	2.0		12.0	
82	7713156	47.0975	-67.3491	0	0	1	13.0	33.0	108.0	1900.0	2.42	20.0	46.0	1.0	2.0	4.5	16.0	
82	7713157	47.0966	-67.3448	0	0	1	12.0	30.0	109.0	1500.0	2.34	19.0	46.0	1.0	2.0		18.0	
82	7713158	47.0386	-67.3149	0	0	2	9.0	31.0	63.0	850.0	1.50	14.0	33.0	1.0	2.0		8.0	
82	7713159	47.0377	-67.3139	0	0	2	7.0	31.0	59.0	690.0	1.68	15.0	32.0	.5	2.0	2.0	16.0	
82	7713160	47.0400	-67.3160	0	0	2	9.0	41.0	36.0	90.0	.28	5.0	14.0	.5	2.0		12.0	
82	7713161	47.0436	-67.3162	0	0	2	13.0	41.0	46.0	130.0	.31	6.0	17.0	1.0	2.0		12.0	
82	7713162	47.0448	-67.3203	0	0	2	9.0	24.0	39.0	430.0	1.37	12.0	29.0	1.0	2.0	2.0	12.0	
82	7713163	47.0472	-67.3232	0	0	2	8.0	24.0	56.0	610.0	1.76	15.0	40.0	.5	2.0		12.0	
82	7713164	47.0493	-67.3264	0	0	2	8.0	24.0	64.0	1400.0	1.90	15.0	44.0	1.0	2.0		16.0	
82	7713165	47.0435	-67.3645	0	0	1	6.0	24.0	66.0	770.0	1.54	11.0	30.0	1.0	2.0		20.0	
82	7713166	47.0411	-67.3668	0	0	1	7.0	24.0	71.0	920.0	1.63	13.0	32.0	1.0	2.0		12.0	
82	7713167	47.0382	-67.3695	0	0	1	6.0	17.0	46.0	610.0	1.16	9.0	24.0	.5	2.0	5.6	16.0	
82	7713168	47.0362	-67.3719	0	0	1	8.0	21.0	63.0	160.0	.96	9.0	28.0	1.0	2.0		16.0	
82	7713169	47.0443	-67.3582	0	0	1	9.0	24.0	57.0	860.0	1.75	14.0	37.0	1.0	2.0		24.0	
82	7713170	47.0407	-67.3559	0	0	1	6.0	18.0	52.0	220.0	1.44	10.0	29.0	.5	2.0		12.0	
82	7713171	47.0365	-67.3543	0	0	1	8.0	24.0	70.0	1200.0	1.87	12.0	31.0	1.0	2.0	4.1	16.0	
82	7713172	47.0370	-67.3600	0	0	1	8.0	24.0	83.0	960.0	1.77	14.0	38.0	1.0	2.0		16.0	
82	7713173	47.0337	-67.3629	0	0	1	9.0	27.0	93.0	1300.0	2.00	16.0	40.0	1.0	2.0		20.0	
82	7713174	47.0294	-67.3680	0	0	1	10.0	30.0	94.0	860.0	2.25	16.0	41.0	1.0	2.0		24.0	
82	7713175	47.0266	-67.3706	0	0	1	9.0	24.0	88.0	1400.0	1.95	16.0	38.0	1.0	2.0	3.5	20.0	
82	7713176	47.0948	-67.2725	0	0	1	3.0	14.0	34.0	810.0	.72	7.0	12.0	.5	2.0		20.0	
82	7713177	47.0969	-67.2742	0	0	1	3.0	11.0	21.0	550.0	.50	5.0	11.0	.5	2.0	2.5	20.0	
82	7713178	47.1027	-67.2625	0	0	1	3.0	17.0	35.0	640.0	.69	6.0	16.0	.5	2.0		20.0	
82	7713179	47.1042	-67.2645	0	0	1	3.0	17.0	34.0	470.0	.61	5.0	14.0	.5	2.0	3.1	12.0	
82	7713180	47.1059	-67.2662	0	0	1	3.0	11.0	29.0	380.0	.52	5.0	13.0	.5	2.0	3.0	16.0	
82	7713181	47.1148	-67.2667	0	0	1	6.0	14.0	47.0	460.0	1.02	7.0	19.0	.5	2.0		16.0	
82	7713182	47.1205	-67.2657	0	0	1	6.0	17.0	59.0	430.0	1.30	9.0	18.0	.5	2.0	4.8	16.0	
82	7713183	47.1239	-67.2508	0	0	1	16.0	28.0	82.0	500.0	2.42	20.0	57.0	1.0	2.0		20.0	
82	7713184	47.1208	-67.2545	0	0	1	17.0	28.0	80.0	270.0	2.40	20.0	59.0	1.0	2.0		20.0	
82	7713185	47.1174	-67.2540	0	0	1	20.0	28.0	87.0	700.0	2.90	23.0	67.0	1.0	2.0	5.0	16.0	
82	7713186	47.1130	-67.2553	0	0	1	20.0	28.0	94.0	270.0	2.64	21.0	67.0	1.0	2.0		24.0	
82	7713187	47.1104	-67.2538	0	0	1	16.0	22.0	73.0	630.0	2.47	20.0	57.0	1.0	2.0		24.0	
82	7713188	47.0960	-67.2512	0	0	1	16.0	25.0	82.0	530.0	2.55	20.0	61.0	1.0	2.0	2.3	24.0	
82	7713189	47.0971	-67.2558	0	0	1	16.0	25.0	78.0	520.0	2.64	19.0	60.0	1.0	2.0		16.0	
82	7713190	47.0958	-67.2580	0	0	1	17.0	28.0	88.0	1000.0	2.44	20.0	55.0	1.0	2.0		24.0	
82	7713191	47.0958	-67.2604	0	0	1	13.0	31.0	59.0	850.0	2.01	17.0	37.0	1.0	2.0	5.0	24.0	
82	7713192	47.0924	-67.2569	0	0	1	14.0	37.0	59.0	280.0	.88	11.0	22.0	1.0	2.0		16.0	
82	7713193	47.0903	-67.2534	0	0	1	16.0	43.0	72.0	770.0	1.28	13.0	24.0	1.0	2.0		20.0	
82	7713194	47.0967	-67.2680	0	0	1	16.0	25.0	78.0	400.0	2.50	19.0	55.0	1.0	2.0	3.8	20.0	
82	7713195	47.0935	-67.2713	0	0	1	14.0	22.0	112.0	510.0	2.45	19.0	56.0	1.0	2.0		16.0	
82	7713196	47.0929	-67.2719	0	0	1	13.0	25.0	81.0	2500.0	1.71	14.0	35.0	1.0	2.0		20.0	
82	7713197	47.0895	-67.2732	0	0	1	16.0	28.0	83.0	630.0	2.35	19.0	54.0	1.0	2.0	3.3	16.0	
82	7713198	47.0918	-67.2679	0	0	1	7.0	25.0	50.0	360.0	1.45	12.0	28.0	.5	2.0	4.0	20.0	
82	7713199	47.0902	-67.2659	0	0	1	9.0	28.0	48.0	1400.0	1.63	14.0	28.0	1.0	2.0		20.0	
82	7713200	47.0862	-67.2777	0	0	1	16.0	28.0	84.0	900.0	2.40	19.0	55.0	1.0	2.0		16.0	

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* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7713 21 O/SC

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7713201	47.0848	-67.2767	0	0	1	16.0	25.0	79.0	1600.0	2.14	19.0	51.0	1.0	2.0	2.8	12.0	
82	7713202	47.0820	-67.2820	0	0	1	13.0	25.0	67.0	520.0	2.08	17.0	47.0	1.0	2.0		16.0	
82	7713203	47.0827	-67.2837	0	0	1	16.0	31.0	86.0	1500.0	2.21	19.0	50.0	1.0	2.0		16.0	
82	7713204	47.0830	-67.2846	0	0	1	14.0	25.0	72.0	1200.0	2.32	19.0	51.0	1.0	2.0	3.5	20.0	
82	7713205	47.0803	-67.2870	0	0	1	14.0	25.0	81.0	620.0	2.48	19.0	56.0	1.0	2.0		16.0	
82	7713206	47.0768	-67.2870	0	0	1	16.0	28.0	90.0	830.0	2.50	20.0	58.0	1.0	2.0		12.0	
82	7713207	47.0783	-67.2848	0	0	1	3.0	15.0	24.0	690.0	.61	7.0	17.0	.5	2.0	2.5	16.0	
82	7713208	47.0754	-67.2879	0	0	1	14.0	25.0	79.0	610.0	2.36	18.0	55.0	1.0	2.0		12.0	
82	7713209	47.0728	-67.2896	0	0	1	15.0	25.0	72.0	750.0	2.29	18.0	54.0	1.0	2.0		16.0	
82	7713210	47.0726	-67.2922	0	0	1	13.0	25.0	62.0	840.0	1.93	15.0	44.0	1.0	2.0	3.1	16.0	
82	7713211	47.0670	-67.2984	0	0	1	14.0	25.0	74.0	680.0	2.11	16.0	44.0	1.0	2.0		8.0	
82	7713212	47.0612	-67.3025	0	0	1	15.0	18.0	82.0	560.0	2.56	18.0	54.0	.5	2.0	2.5	12.0	
82	7713213	47.0603	-67.3009	0	0	1	15.0	18.0	69.0	440.0	2.52	17.0	50.0	.5	2.0		12.0	
82	7713214	47.0584	-67.3042	0	0	1	12.0	18.0	96.0	790.0	1.90	13.0	39.0	1.0	2.0		12.0	
82	7713215	47.0482	-67.3068	0	0	1	15.0	18.0	70.0	390.0	2.51	17.0	51.0	.5	2.0	3.8	12.0	
82	7713216	47.0450	-67.3065	0	0	1	18.0	18.0	78.0	360.0	2.55	17.0	56.0	1.0	2.0		8.0	
82	7713217	47.0417	-67.3000	0	0	1	13.0	18.0	64.0	460.0	2.01	15.0	41.0	.5	2.0		12.0	
82	7713218	47.0409	-67.2915	0	0	1	14.0	18.0	75.0	520.0	2.33	16.0	48.0	.5	2.0	3.0	8.0	
82	7713219	47.0334	-67.2918	0	0	1	15.0	15.0	74.0	440.0	2.50	16.0	50.0	.5	2.0		12.0	
82	7713220	47.0322	-67.2963	0	0	1	16.0	18.0	75.0	660.0	2.32	16.0	49.0	.5	2.0		12.0	
82	7713221	47.0287	-67.2974	0	0	1	18.0	18.0	83.0	410.0	2.73	17.0	55.0	1.0	2.0	3.2	8.0	
82	7713222	47.0215	-67.2866	0	0	1	19.0	18.0	80.0	270.0	2.62	16.0	59.0	1.0	2.0		8.0	
82	7713223	47.0192	-67.2839	0	0	1	15.0	21.0	87.0	860.0	2.50	17.0	53.0	1.0	2.0		12.0	
82	7713224	47.0169	-67.2830	0	0	1	19.0	21.0	95.0	260.0	2.65	17.0	65.0	1.0	2.0	2.7	8.0	
82	7713225	47.0146	-67.2935	0	0	1	3.0	17.0	38.0	530.0	.95	10.0	18.0	.5	2.0		8.0	
82	7713226	47.0157	-67.2960	0	0	1	3.0	21.0	52.0	1240.0	1.28	10.0	18.0	1.0	2.0		12.0	
82	7713227	47.0062	-67.3076	0	0	1	10.0	23.0	67.0	820.0	1.65	16.0	42.0	1.0	2.0	2.5	20.0	
82	7713228	47.0003	-67.3056	0	0	1	15.0	18.0	80.0	670.0	2.50	15.0	51.0	1.0	2.0	3.5	12.0	
82	7713229	47.0003	-67.3633	0	0	1	5.0	20.0	61.0	660.0	1.27	11.0	25.0	.5	2.0	6.0	20.0	
82	7713230	47.0015	-67.3650	0	0	1	6.0	18.0	65.0	650.0	1.38	11.0	26.0	.5	2.0		12.0	
82	7713231	47.0035	-67.3640	0	0	1	6.0	15.0	57.0	1400.0	1.45	12.0	28.0	.5	2.0		20.0	
82	7713232	47.0055	-67.3632	0	0	1	5.0	20.0	56.0	530.0	1.16	10.0	23.0	.5	2.0	5.7	16.0	
82	7713233	47.0077	-67.3642	0	0	1	5.0	15.0	56.0	690.0	1.28	10.0	22.0	.5	2.0		12.0	
82	7713234	47.0098	-67.3660	0	0	1	5.0	20.0	56.0	640.0	1.23	11.0	24.0	.5	2.0		16.0	
82	7713235	47.0317	-67.3204	0	0	2	7.0	24.0	98.0	1500.0	2.40	22.0	47.0	1.0	2.0		20.0	
82	7713236	47.0306	-67.3272	0	0	2	9.0	30.0	106.0	1000.0	2.09	14.0	38.0	1.0	2.0	2.2	8.0	
82	7713237	47.0325	-67.3284	0	0	2	11.0	27.0	146.0	1900.0	3.32	19.0	44.0	1.0	2.0		16.0	
82	7713238	47.0350	-67.3305	0	0	2	7.0	30.0	119.0	1700.0	2.22	22.0	49.0	1.0	2.0		8.0	
82	7713239	47.0373	-67.3322	0	0	2	13.0	24.0	64.0	660.0	2.17	18.0	51.0	1.0	2.0	2.0	12.0	
82	7713240	47.0392	-67.3312	0	0	2	12.0	24.0	54.0	720.0	.88	11.0	31.0	1.0	2.0		8.0	
82	7713241	47.0414	-67.3318	0	0	2	14.0	48.0	80.0	1800.0	.86	12.0	26.0	1.0	2.0		8.0	
82	7713242	47.0358	-67.3459	0	0	1	9.0	24.0	59.0	770.0	1.62	15.0	38.0	1.0	2.0	6.0	8.0	
82	7708243	47.0378	-67.3509	0	0	1	7.0	21.0	58.0	330.0	1.37	11.0	29.0	.5	2.0		8.0	
82	7713244	47.0400	-67.3500	0	0	1	5.0	21.0	51.0	990.0	1.01	10.0	27.0	.5	2.0		4.0	
82	7713245	47.0405	-67.3535	0	0	1	8.0	24.0	73.0	810.0	1.60	13.0	34.0	1.0	2.0	3.1	4.0	
82	7713246	47.0424	-67.3525	0	0	1	8.0	21.0	65.0	750.0	1.53	13.0	33.0	.5	2.0		8.0	
82	7713247	47.0448	-67.3532	0	0	2	10.0	28.0	96.0	2700.0	2.15	18.0	44.0	1.0	2.0		12.0	
82	7713248	47.0491	-67.3554	0	0	2	4.0	17.0	22.0	200.0	.94	7.0	19.0	.5	2.0	2.5	8.0	
82	7713249	47.0533	-67.3536	0	0	2	11.0	35.0	73.0	360.0	2.11	17.0	44.0	1.0	2.0		8.0	
82	7713250	47.0554	-67.3559	0	0	2	7.0	21.0	65.0	640.0	1.52	13.0	36.0	1.0	2.0		12.0	

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MAP SHEET 7713 21 O/3C

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7713281	47.0578	-67.3550	0	0	2	8.0	28.0	79.0	1100.0	1.70	14.0	38.0	1.0	2.0	4.3	16.0	
82	7713282	47.0604	-67.3554	0	0	2	10.0	35.0	89.0	900.0	2.26	17.0	53.0	1.0	2.0		12.0	
82	7713283	47.0638	-67.3548	0	0	2	10.0	28.0	82.0	1100.0	1.68	15.0	37.0	1.0	2.0	5.8	8.0	
82	7713284	47.0664	-67.3535	0	0	2	9.0	21.0	33.0	300.0	.85	10.0	25.0	1.0	2.0		12.0	
82	7713285	47.0693	-67.3574	0	0	2	11.0	21.0	48.0	120.0	1.11	10.0	27.0	1.0	2.0		12.0	
82	7713286	47.0718	-67.3560	0	0	2	16.0	34.0	108.0	1600.0	1.79	16.0	41.0	1.0	2.0	4.3	4.0	
82	7713287	47.0689	-67.3599	0	0	2	20.0	45.0	127.0	4500.0	2.68	27.0	52.0	1.0	2.0		8.0	
82	7713288	47.0703	-67.3616	0	0	2	20.0	38.0	103.0	2500.0	2.11	23.0	44.0	1.0	2.0		16.0	
82	7713289	47.0516	-67.3706	0	0	1	13.0	24.0	56.0	380.0	1.98	15.0	40.0	1.0	2.0		16.0	
82	7713290	47.0500	-67.3675	0	0	1	8.0	21.0	56.0	280.0	1.81	14.0	38.0	1.0	2.0	4.3	12.0	
82	7713291	47.0470	-67.3620	0	0	1	11.0	27.0	77.0	1200.0	2.02	24.0	44.0	1.0	2.0		20.0	
82	7713292	47.0467	-67.3609	0	0	1	21.0	49.0	42.0	2300.0	1.57	21.0	25.0	1.0	2.0		20.0	
82	7713293	47.0905	-67.3556	0	0	1	7.0	25.0	76.0	890.0	1.89	16.0	38.0	1.0	2.0		20.0	
82	7713294	47.0889	-67.3400	0	0	1	6.0	25.0	74.0	460.0	1.79	15.0	33.0	.5	2.0		20.0	
82	7713295	47.0869	-67.3435	0	0	2	7.0	25.0	83.0	580.0	1.87	17.0	36.0	1.0	2.0	3.1	16.0	
82	7713296	47.0844	-67.3489	0	0	2	8.0	28.0	100.0	1100.0	2.42	18.0	40.0	1.0	2.0		20.0	
82	7713297	47.0861	-67.3505	0	0	2	8.0	28.0	84.0	1100.0	1.13	17.0	38.0	1.0	2.0		16.0	
82	7713298	47.0878	-67.3529	0	0	2	8.0	28.0	98.0	1600.0	2.33	19.0	41.0	1.0	2.0	2.3	20.0	
82	7713299	47.0888	-67.3561	0	0	2	7.0	28.0	81.0	1600.0	2.04	18.0	36.0	1.0	2.0		16.0	
82	7713300	47.0882	-67.3610	0	0	2	7.0	25.0	90.0	1800.0	2.20	18.0	40.0	1.0	2.0		16.0	
82	7713270	47.0887	-67.3644	0	0	2	8.0	28.0	78.0	560.0	1.85	17.0	42.0	1.0	2.0	2.7	16.0	
82	7713271	47.0893	-67.3679	0	0	2	5.0	25.0	33.0	180.0	.96	7.0	16.0	.5	2.0		20.0	
82	7713272	47.0875	-67.3700	0	0	2	6.0	31.0	28.0	120.0	.47	5.0	13.0	.5	2.0		16.0	
82	7713273	47.0903	-67.3678	0	0	2	12.0	40.0	148.0	3100.0	2.76	30.0	52.0	1.0	2.0	3.0	24.0	
82	7713274	47.0918	-67.3691	0	0	2	11.0	37.0	136.0	2400.0	2.67	27.0	50.0	1.0	2.0		20.0	
82	7713275	47.0940	-67.3694	0	0	2	11.0	37.0	114.0	2600.0	2.77	27.0	45.0	1.0	2.0		16.0	
82	7713276	47.0226	-67.2860	0	0	1	15.0	25.0	71.0	1000.0	2.33	16.0	47.0	1.0	2.0		8.0	
82	7713277	47.0229	-67.2838	0	0	1	3.0	16.0	36.0	500.0	1.19	8.0	17.0	.5	2.0	3.8	8.0	
82	7713278	47.0245	-67.2815	0	0	1	3.0	16.0	32.0	510.0	.75	7.0	14.0	.5	2.0		12.0	
82	7713279	47.0272	-67.2811	0	0	1	4.0	19.0	41.0	640.0	1.03	8.0	18.0	.5	2.0		16.0	
82	7713280	47.0282	-67.2786	0	0	1	2.0	13.0	26.0	430.0	.62	7.0	13.0	.5	2.0	3.5	8.0	
82	7713281	47.0284	-67.2754	0	0	1	3.0	16.0	27.0	320.0	.66	7.0	16.0	1.0	2.0		12.0	
82	7713282	47.0274	-67.2677	0	0	1	3.0	19.0	31.0	880.0	1.06	8.0	18.0	1.0	2.0		16.0	
82	7713283	47.0268	-67.2713	0	0	1	4.0	19.0	37.0	950.0	1.15	10.0	21.0	1.0	2.0	3.5	8.0	
82	7713284	47.0283	-67.2757	0	0	1	3.0	16.0	34.0	710.0	.93	9.0	20.0	1.0	2.0		12.0	
82	7713285	47.0234	-67.2807	0	0	1	4.0	19.0	36.0	1200.0	1.10	9.0	21.0	1.5	2.0		16.0	
82	7713286	47.0188	-67.2728	0	0	1	3.0	16.0	19.0	90.0	.38	5.0	11.0	1.0	2.0		12.0	
82	7713287	47.0165	-67.2762	0	0	1	4.0	28.0	54.0	3500.0	2.03	20.0	21.0	1.0	2.0		16.0	
82	7713288	47.0151	-67.2782	0	0	1	4.0	32.0	58.0	3400.0	2.06	18.0	25.0	1.0	2.0	2.3	12.0	
82	7713289	47.0131	-67.2788	0	0	1	3.0	22.0	46.0	2100.0	1.50	12.0	21.0	1.0	2.0		12.0	
82	7713290	47.0077	-67.2670	0	0	1	12.0	22.0	75.0	530.0	2.25	16.0	51.0	1.0	2.0		8.0	
82	7713291	47.0106	-67.2705	0	0	1	4.0	22.0	51.0	1300.0	1.54	13.0	24.0	1.0	2.0	3.2	12.0	
82	7713292	47.0129	-67.2704	0	0	1	4.0	25.0	68.0	1600.0	1.70	16.0	28.0	1.0	2.0		20.0	
82	7713293	47.0142	-67.2680	0	0	1	4.0	25.0	61.0	1600.0	1.66	15.0	25.0	1.0	2.0		16.0	
82	7713294	47.0159	-67.2668	0	0	1	4.0	25.0	73.0	1500.0	1.77	16.0	27.0	1.0	2.0		16.0	
82	7713295	47.0169	-67.2645	0	0	1	4.0	28.0	70.0	1800.0	1.97	17.0	26.0	1.0	2.0		16.0	
82	7713296	47.0067	-67.2570	0	0	1	5.0	35.0	109.0	3600.0	3.20	25.0	36.0	1.0	2.0		16.0	
82	7713297	47.0051	-67.2596	0	0	1	5.0	25.0	83.0	2100.0	2.12	17.0	30.0	1.0	2.0	3.0	16.0	
82	7713298	47.0040	-67.2629	0	0	1	4.0	22.0	66.0	1900.0	1.77	14.0	26.0	1.0	2.0		16.0	
82	7713299	47.0462	-67.2955	0	0	1	3.0	13.0	39.0	1800.0	1.01	7.0	18.0	.5	2.0	3.2	20.0	
82	7713300																	

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MAP SHEET 7713 21 D/3C

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7713301	47.0480	-67.2953	0	0	1	3.0	16.0	48.0	3100.0	1.28	8.0	21.0	.5	2.0	3.3	20.0	
82	7713302	47.0509	-67.2954	0	0	1	4.0	19.0	52.0	5400.0	1.66	10.0	22.0	1.0	2.0		16.0	
82	7713313	47.0533	-67.2918	0	0	1	7.0	25.0	46.0	1900.0	1.07	9.0	18.0	1.0	2.0		16.0	
82	7713314	47.0556	-67.2916	0	0	1	4.0	19.0	32.0	2500.0	1.06	7.0	17.0	.5	2.0	3.5	16.0	
82	7713305	47.0509	-67.2897	0	0	1	3.0	19.0	37.0	1900.0	.84	7.0	14.0	.5	2.0		20.0	
82	7713306	47.0572	-67.3077	0	0	1	9.0	19.0	102.0	660.0	1.81	14.0	42.0	1.0	2.0		8.0	
82	7713307	47.0563	-67.3100	0	0	1	14.0	25.0	95.0	1300.0	2.00	14.0	44.0	1.5	2.0		16.0	
82	7713308	47.0569	-67.3135	0	0	1	9.0	25.0	80.0	1400.0	2.21	15.0	47.0	1.0	2.0	4.3	12.0	
82	7713309	47.0595	-67.3184	0	0	1	11.0	28.0	112.0	3200.0	2.89	20.0	63.0	.5	2.0		16.0	
82	7713310	47.0634	-67.3228	0	0	1	10.0	25.0	112.0	1500.0	2.66	20.0	63.0	1.0	2.0		12.0	
82	7713311	47.0662	-67.3250	0	0	1	8.0	25.0	133.0	1200.0	2.42	20.0	57.0	.5	2.0	1.8	12.0	
82	7713312	47.0623	-67.3236	0	0	1	7.0	22.0	65.0	1200.0	1.35	11.0	33.0	.5	2.0		8.0	
82	7713313	47.0629	-67.3260	0	0	1	6.0	22.0	54.0	680.0	1.42	10.0	31.0	1.0	2.0		12.0	
82	7713314	47.0652	-67.3300	0	0	1	7.0	19.0	46.0	350.0	1.37	10.0	31.0	1.0	2.0	2.8	8.0	
82	7713315	47.0676	-67.3318	0	0	1	10.0	22.0	54.0	450.0	2.07	13.0	50.0	1.0	2.0		12.0	
82	7713316	47.0675	-67.2803	0	0	1	2.0	16.0	41.0	740.0	.88	7.0	17.0	1.0	2.0		12.0	
82	7713317	47.0889	-67.2831	0	0	1	1.0	19.0	32.0	570.0	.75	7.0	14.0	.5	2.0	3.3	8.0	
82	7713318	47.0910	-67.2865	0	0	1	2.0	19.0	39.0	630.0	.85	8.0	16.0	1.0	2.0		12.0	
82	7713319	47.0520	-67.2751	0	0	1	3.0	22.0	48.0	3400.0	1.21	8.0	19.0	.5	2.0		20.0	
82	7713320	47.0505	-67.2781	0	0	1	3.0	22.0	48.0	3500.0	1.20	8.0	22.0	.5	2.0	5.3	20.0	
82	7713321	47.0497	-67.2816	0	0	1	2.0	16.0	36.0	1400.0	.75	7.0	16.0	1.0	2.0		12.0	
82	7712322	47.0482	-67.2840	0	0	1	3.0	19.0	41.0	1400.0	.94	8.0	18.0	1.0	2.0		16.0	
82	7713323	47.0463	-67.2864	0	0	1	3.0	22.0	49.0	2500.0	1.29	10.0	20.0	1.0	2.0	3.3	20.0	
82	7713324	47.0445	-67.2890	0	0	1	3.0	19.0	39.0	1200.0	.98	8.0	19.0	1.0	2.0		16.0	
82	7713325	47.0425	-67.2904	0	0	1	2.0	19.0	37.0	1200.0	.93	8.0	17.0	1.0	2.0		16.0	
82	7713326	47.0078	-67.2691	0	0	1	15.0	18.0	78.0	650.0	2.42	15.0	51.0	.5	2.0		16.0	
82	7713326	47.0078	-67.2691	0	0	1	15.0	18.0	78.0	650.0	2.42	15.0	51.0	.5	2.0		16.0	

21 O/3C
1. STATISTICS 1

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* COPPER *
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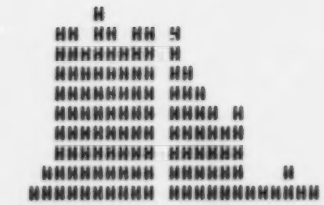
VARIABLE NUMBER	2	MAXIMUM	22.0000000
NUMBER OF DISTINCT VALUES .	22	MINIMUM	1.0000000
NUMBER OF VALUES COUNTED. .	326	RANGE	21.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	19.4986572
		ST.DEV.	4.4157296
		(Q3-Q1)/2	3.0000000
		MX.ST.SC.	2.93
		MN.ST.SC.	-1.83

LOCATION ESTIMATES

		ST.ERROR
MEAN	9.0766869	0.2445646
MEDIAN	9.0000000	0.2886752
MODE	6.0000000	



EACH 'H' REPRESENTS 3 COUNT(S)

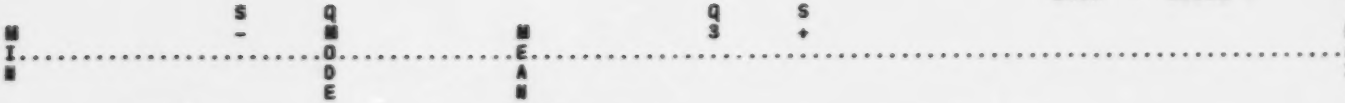
EACH '-' ABOVE = 1.0000
L= 0.0
U= 25.0000

CASE NO. OF MIN. VAL. = 317
CASE NO. OF MAX. VAL. = 2

	VALUE	VALUE/S.E.
SKEWNESS	0.53	3.92
KURTOSIS	-0.24	-0.90

Q1= 6.0000000
Q3= 12.0000000
S-= 4.6609583
S+= 13.4924164

EACH '.' BELOW = 0.2000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
1.	1	0.3	0.3	7.	27	8.3	41.4	13.	17	5.2	83.4	19.	3	0.9	97.5
2.	5	1.5	1.8	8.	23	7.1	48.5	14.	13	4.0	87.4	20.	4	1.2	98.8
3.	25	7.7	9.5	9.	25	7.7	56.1	15.	11	3.4	90.8	21.	2	0.6	99.4
4.	25	7.7	17.2	10.	26	8.0	64.1	16.	15	4.6	95.4	22.	2	0.6	100.0
5.	24	7.4	24.5	11.	26	8.0	72.1	17.	2	0.6	96.0				
6.	28	8.6	33.1	12.	20	6.1	78.2	18.	2	0.6	96.6				

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PAGE   3  BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES  INCLUDES ALL SAMPLES FOR MAP SHEET  7713 21 O/3C

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VARIABLE NUMBER . . . . . .        3
NUMBER OF DISTINCT VALUES .       35
NUMBER OF VALUES COUNTED. .      326
NUMBER OF VALUES NOT COUNTED       0

                                  MAXIMUM       209.0000000
                                  MINIMUM        11.0000000
                                  RANGE         198.0000000
                                  VARIANCE      233.0705719
                                  ST.DEV.        15.2666492
                                  (Q3-Q1)/2       4.0000000
                                  MX.ST.SC.      12.02
                                  MN.ST.SC.      -0.95

LOCATION ESTIMATES                                  ST.ERROR
                  MEAN              25.5674744      0.8455417
                  MEDIAN            24.0000000      0.2886752
                  MODE              23.0000000

                                                                                  H
                                                                                  H
                                                                                  H
                                                                                  H                                  EACH 'H'
                                                                                  H                                 REPRESENTS
                                                                                 HH                                     20
                                                                                 HH                                  COUNT(S)
                                                                                 HH
                                                                                 HHH
                                                                                 HHHH                HH
                                                                               L-------------------------U

                                                                                 EACH '-' ABOVE =       10.0000
                                                                                              L=        0.0
                                                                                              U=      249.9999
                                                                            CASE NO. OF MIN. VAL. =  177
                                                                            CASE NO. OF MAX. VAL. =   90

                                                                                                     Q1=   20.0000000
                                                                                 VALUE   VALUE/S.E.  Q3=   28.0000000
                                                                SKEWNESS          9.20       67.83  S-=   10.3008251
                                                                KURTOSIS        102.36      377.26  S+=   40.8341217

                                                                                 EACH '.' BELOW =       2.0000
                S    Q   Q     S
                M    1MM 3     +                                                                                M
                I.....OE.......................................................................................A
                N     DA                                                                                       X
                      EN
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VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
11.	2	0.6	0.6	21.	24	7.4	34.4	30.	13	4.0	85.6	41.	2	0.6	96.6
13.	2	0.6	1.2	22.	14	4.3	38.7	31.	9	2.8	88.3	43.	3	0.9	97.5
14.	2	0.6	1.8	23.	35	10.7	49.4	32.	3	0.9	89.3	45.	1	0.3	97.9
15.	11	3.4	5.2	24.	25	7.7	57.1	33.	2	0.6	89.9	46.	3	0.9	98.8
16.	8	2.5	7.7	25.	30	9.2	66.3	34.	2	0.6	90.5	47.	1	0.3	99.1
17.	12	3.7	11.3	26.	6	1.8	68.1	35.	4	1.2	91.7	49.	1	0.3	99.4
18.	26	8.0	19.3	27.	16	4.9	73.0	37.	7	2.1	93.9	190.	1	0.3	99.7
19.	15	4.6	23.9	28.	21	6.4	79.4	38.	2	0.6	94.5	209.	1	0.3	100.0
20.	10	3.1	27.0	29.	7	2.1	81.6	40.	5	1.5	96.0				

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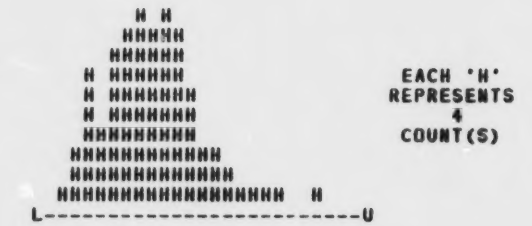
VARIABLE NUMBER	4	MAXIMUM	172.0000000
NUMBER OF DISTINCT VALUES .	91	MINIMUM	19.0000000
NUMBER OF VALUES COUNTED. .	326	RANGE	153.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	627.7211914
		ST.DEV.	25.0543671
		(Q3-Q1)/2	16.0000000
		MX.ST.SC.	4.11
		MN.ST.SC.	-2.00

LOCATION ESTIMATES

		ST.ERROR
MEAN	69.0306702	1.3876333
MEDIAN	69.0000000	1.7320509
MODE	NOT UNIQUE	

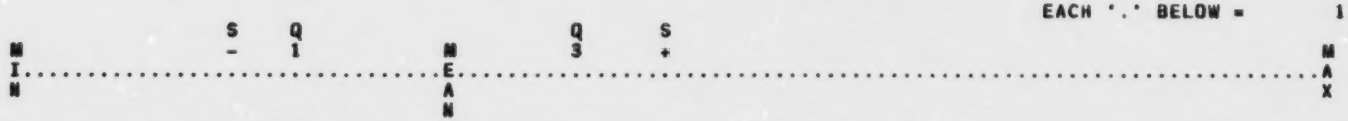


EACH '-' ABOVE = 7.5000
L= 7.5000
U= 194.9999
CASE NO. OF MIN. VAL. = 287
CASE NO. OF MAX. VAL. = 91

	VALUE	VALUE/S.E.
SKEWNESS	0.62	4.57
KURTOSIS	1.09	4.01

Q1= 52.0000000
Q3= 84.0000000
S-= 43.9763031
S+= 94.0850372

EACH '.' BELOW = 1.5000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
19.	1	0.3	0.3	48.	5	1.5	22.1	72.	4	1.2	56.4	96.	4	1.2	88.7
21.	1	0.3	0.6	49.	2	0.6	22.7	73.	6	1.8	58.3	97.	2	0.6	89.3
22.	1	0.3	0.9	50.	3	0.9	23.6	74.	5	1.8	60.1	98.	2	0.6	89.9
24.	1	0.3	1.2	51.	3	0.9	24.5	75.	5	1.5	61.7	99.	1	0.3	90.2
26.	2	0.6	1.8	52.	7	2.1	26.7	76.	5	1.5	63.2	100.	1	0.3	90.5
27.	1	0.3	2.1	54.	6	1.8	28.5	77.	4	1.2	64.4	101.	2	0.6	91.1
28.	3	0.9	3.1	55.	4	1.2	29.8	78.	7	2.1	66.6	102.	2	0.6	91.7
29.	4	1.2	4.3	56.	6	1.8	31.6	79.	5	1.5	68.1	103.	3	0.9	92.6
31.	2	0.6	4.9	57.	4	1.2	32.8	80.	5	1.5	69.6	106.	2	0.6	93.3
32.	3	0.9	5.8	58.	10	3.1	35.9	81.	3	0.9	70.6	108.	4	1.2	94.5
33.	4	1.2	7.1	59.	5	1.5	37.4	82.	5	1.5	72.1	109.	2	0.6	95.1
34.	5	1.5	8.6	60.	4	1.2	38.7	83.	7	2.1	74.2	112.	3	0.9	96.0
35.	3	0.9	9.5	61.	4	1.2	39.9	84.	6	1.8	76.1	114.	2	0.6	96.6
36.	5	1.5	11.0	62.	1	0.3	40.2	86.	2	0.6	76.7	116.	2	0.6	97.2
37.	3	0.9	12.0	63.	5	1.5	41.7	87.	9	2.8	79.4	119.	2	0.6	97.9
38.	1	0.3	12.3	64.	3	0.9	42.6	88.	4	1.2	80.7	127.	1	0.3	98.2
39.	5	1.5	13.8	65.	10	3.1	45.7	89.	5	1.5	82.2	133.	1	0.3	98.5
40.	2	0.6	14.4	66.	10	3.1	48.8	90.	4	1.2	83.4	136.	1	0.3	98.8
41.	4	1.2	15.6	67.	2	0.6	49.4	91.	1	0.3	83.7	146.	1	0.3	99.1
42.	2	0.6	16.3	68.	1	0.3	49.7	92.	1	0.3	84.0	148.	1	0.3	99.4
44.	2	0.6	16.9	69.	4	1.2	50.9	93.	2	0.6	84.7	170.	1	0.3	99.7
46.	6	1.8	18.7	70.	6	1.8	52.8	94.	5	1.5	86.2	172.	1	0.3	100.0
47.	6	1.8	20.6	71.	8	2.5	55.2	95.	4	1.2	87.4				

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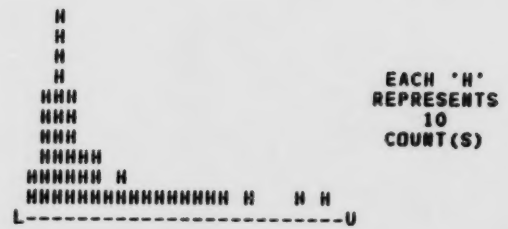
VARIABLE NUMBER	5
NUMBER OF DISTINCT VALUES .	105
NUMBER OF VALUES COUNTED. .	326
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	5900.0000000
MINIMUM	90.0000000
RANGE	5810.0000000
VARIANCE	715281.8750000
ST.DEV.	845.7434082
(Q3-Q1)/2	385.0000000
MX.ST.SC.	5.75
MN.ST.SC.	-1.12

LOCATION ESTIMATES

		ST.ERROR
MEAN	1033.4968252	46.8414001
MEDIAN	750.0000000	25.9807739
MODE	1400.0000000	



EACH '-' ABOVE = 250.0000
L= 0.0
U= 6250.0000
CASE NO. OF MIN. VAL. = 160
CASE NO. OF MAX. VAL. = 80

	VALUE	VALUE/S.E.
SKEWNESS	2.36	17.39
KURTOSIS	7.16	26.39

Q1= 530.0000000
Q3= 1300.0000000
S-= 187.7534180
S+= 1879.2402344

EACH '.' BELOW = 50.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
90.	2	0.6	0.6	460.	3	0.9	18.7	760.	1	0.3	51.8	1400.	14	4.3	79.8
120.	2	0.6	1.2	470.	5	1.5	20.2	770.	6	1.8	53.7	1500.	11	3.4	83.1
130.	1	0.3	1.5	480.	2	0.6	20.9	780.	1	0.3	54.0	1600.	8	2.5	85.6
140.	1	0.3	1.8	500.	2	0.6	21.5	790.	3	0.9	54.9	1700.	1	0.3	85.9
160.	1	0.3	2.1	510.	6	1.8	23.3	800.	2	0.6	55.5	1800.	7	2.1	88.0
180.	1	0.3	2.5	520.	4	1.2	24.5	810.	2	0.6	56.1	1900.	7	2.1	90.2
200.	1	0.3	2.8	530.	8	2.5	27.0	820.	3	0.9	57.1	2100.	4	1.2	91.4
220.	2	0.6	3.4	540.	2	0.6	27.6	830.	3	0.9	58.0	2300.	2	0.6	92.0
260.	2	0.6	4.0	550.	4	1.2	28.8	840.	1	0.3	58.3	2400.	2	0.6	92.6
270.	3	0.9	4.9	560.	4	1.2	30.1	850.	3	0.9	59.2	2500.	6	1.8	94.5
280.	2	0.6	5.5	570.	5	1.5	31.6	860.	5	1.5	60.7	2600.	1	0.3	94.8
290.	1	0.3	5.8	580.	2	0.6	32.2	880.	3	0.9	61.7	2700.	1	0.3	95.1
300.	1	0.3	6.1	590.	1	0.3	32.5	890.	1	0.3	62.0	2800.	1	0.3	95.4
310.	1	0.3	6.4	610.	5	1.5	34.0	900.	2	0.6	62.6	3100.	2	0.6	96.0
320.	1	0.3	6.7	620.	3	0.9	35.0	910.	1	0.3	62.9	3200.	1	0.3	96.3
330.	2	0.6	7.4	630.	6	1.8	36.8	920.	2	0.6	63.5	3300.	1	0.3	96.6
340.	2	0.6	8.0	640.	7	2.1	39.0	930.	2	0.6	64.1	3400.	2	0.6	97.2
350.	1	0.3	8.3	650.	2	0.6	39.6	950.	1	0.3	64.4	3500.	2	0.6	97.9
360.	6	1.8	10.1	660.	7	2.1	41.7	960.	3	0.9	65.3	3600.	1	0.3	98.2
380.	4	1.2	11.3	670.	2	0.6	42.3	970.	1	0.3	65.6	3900.	2	0.6	98.8
390.	1	0.3	11.7	680.	4	1.2	43.6	980.	1	0.3	66.0	4400.	1	0.3	99.1
400.	3	0.9	12.6	690.	5	1.5	45.1	990.	2	0.6	66.6	4500.	1	0.3	99.4
410.	2	0.6	13.2	700.	3	0.9	46.0	1000.	5	1.5	68.1	5400.	1	0.3	99.7

420.	2	0.6	18.8	710.	5	1.5	47.5	1100.	10	3.1	71.2	5900.	1	0.3	100.0		
430.	4	1.2	15.0	720.	3	0.9	48.5	1200.	10	3.1	74.2						
440.	5	1.5	16.6	740.	3	0.9	49.4	1240.	1	0.3	74.5						
450.	4	1.2	17.8	750.	7	2.1	51.5	1300.	3	0.9	75.5						

PAGE 6 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7713 21 0/3C

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* IRONPCNT *
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VARIABLE NUMBER . . . . . .          6      MAXIMUM          3.3299999
NUMBER OF DISTINCT VALUES .        177      MINIMUM          0.2900000
NUMBER OF VALUES COUNTED. .        326      RANGE            3.0400000
NUMBER OF VALUES NOT COUNTED         0      VARIANCE         0.4088066
                                            ST.DEV.          0.6393799
                                            (Q3-Q1)/2        0.5149999
                                            MX.ST.SC.        2.47
                                            MN.ST.SC.       -2.29

LOCATION ESTIMATES                               ST.ERROR
               MEAN            1.7537766       0.0354120
               MEDIAN          1.8049994       0.0577353
               MODE            NOT UNIQUE

                     H   H H
                     H  HHHH          EACH 'H'
             H  H HHHHHHH            REPRESENTS
             H HH HHHHHHH                4
            HHHHHHHHHHHHHH            COUNT(S)
            HHHHHHHHHHHHHHH
            HHHHHHHHHHHHHHH
            HHHHHHHHHHHHHHH
        HHHHHHHHHHHHHHHHHHHH HH
       L-------------------------U

        EACH '-' ABOVE =       0.1500
                    L=         0.0
                    U=         3.7500
 CASE NO. OF MIN. VAL. =  150
 CASE NO. OF MAX. VAL. =  237

                                                     Q1=   1.2299995
                        VALUE    VALUE/S.E.          Q3=   2.2599993
       SKEWNESS         -0.17       -1.24            S-=   1.1143961
       KURTOSIS         -0.90       -3.33            S+=   2.3931561

                 EACH '.' BELOW =      0.0250

                             S  Q                                     Q     S                   M
 M                           -  1                 M M                 3     +                   A
 I...............................................E.E....................................... X
 N                                                A D
                                                  N I
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VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.2900	1	0.3	0.3
0.3200	1	0.3	0.6
0.3900	1	0.3	0.9
0.4800	1	0.3	1.2
0.5100	1	0.3	1.5
0.5300	1	0.3	1.8
0.6100	1	0.3	2.1
0.6200	3	0.9	3.1
0.6300	2	0.6	3.7
0.6500	1	0.3	4.0
0.6700	1	0.3	4.3
0.7000	1	0.3	4.6
0.7100	1	0.3	4.9
0.7200	1	0.3	5.2
0.7300	1	0.3	5.5
0.7400	1	0.3	5.8
0.7500	1	0.3	6.1
0.7600	2	0.6	6.7
0.7800	1	0.3	7.1
0.7900	2	0.6	7.7
0.8000	2	0.6	8.3
0.8100	2	0.6	8.9
0.8300	1	0.3	9.2

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.1700	3	0.9	22.4
1.1800	1	0.3	22.7
1.1900	2	0.6	23.3
1.2000	1	0.3	23.6
1.2100	2	0.6	24.2
1.2200	2	0.6	24.8
1.2300	1	0.3	25.2
1.2400	1	0.3	25.5
1.2600	1	0.3	25.8
1.2800	1	0.3	26.1
1.2900	6	1.8	27.9
1.3000	2	0.6	28.5
1.3100	2	0.6	29.1
1.3200	1	0.3	29.4
1.3300	1	0.3	29.8
1.3400	1	0.3	30.1
1.3600	1	0.3	30.4
1.3800	3	0.9	31.3
1.3900	1	0.3	31.6
1.4300	1	0.3	31.9
1.4400	1	0.3	32.2
1.4500	2	0.6	32.8
1.4600	3	0.9	33.7

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.7900	1	0.3	49.4
1.8000	2	0.6	50.0
1.8100	1	0.3	50.3
1.8200	2	0.6	50.9
1.8300	1	0.3	51.2
1.8400	2	0.6	51.8
1.8500	2	0.6	52.5
1.8600	1	0.3	52.8
1.8700	1	0.3	53.1
1.8800	1	0.3	53.4
1.8900	2	0.6	54.0
1.9000	2	0.6	54.6
1.9100	2	0.6	55.2
1.9300	2	0.6	55.8
1.9400	2	0.6	56.4
1.9500	1	0.3	56.7
1.9600	1	0.3	57.1
1.9800	2	0.6	57.7
2.0000	1	0.3	58.0
2.0100	1	0.3	58.3
2.0200	2	0.6	58.9
2.0300	2	0.6	59.5
2.0400	2	0.6	60.1

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
2.2900	1	0.3	76.1
2.3000	2	0.6	76.7
2.3100	1	0.3	77.0
2.3300	3	0.9	77.9
2.3400	3	0.9	78.8
2.3500	5	1.5	80.4
2.3600	1	0.3	80.7
2.3700	1	0.3	81.0
2.3800	2	0.6	81.6
2.4000	1	0.3	81.9
2.4100	5	1.5	83.4
2.4300	6	1.8	85.3
2.4400	1	0.3	85.6
2.4500	2	0.6	86.2
2.4600	1	0.3	86.5
2.4800	1	0.3	86.8
2.4900	2	0.6	87.4
2.5000	2	0.6	88.0
2.5100	4	1.2	89.3
2.5200	3	0.9	90.2
2.5300	1	0.3	90.5
2.5600	2	0.6	91.1
2.5700	2	0.6	91.7

0.8400	2	0.6	9.8
0.8500	2	0.6	10.4
0.8600	3	0.9	11.3
0.8700	1	0.3	11.7
0.8800	2	0.6	12.3
0.8900	3	0.9	13.2
0.9000	1	0.3	13.5
0.9200	1	0.3	13.8
0.9400	3	0.9	14.7
0.9500	2	0.6	15.3
0.9700	4	1.2	16.6
0.9800	1	0.3	16.9
1.0100	1	0.3	17.2
1.0200	2	0.6	17.8
1.0300	1	0.3	18.1
1.0400	1	0.3	18.4
1.0700	3	0.9	19.3
1.0800	2	0.6	19.9
1.1000	2	0.6	20.6
1.1200	1	0.3	20.9
1.1400	1	0.3	21.2
1.1600	1	0.3	21.5
1.4700	1	0.3	34.0
1.5000	3	0.9	35.0
1.5100	3	0.9	35.9
1.5300	4	1.2	37.1
1.5400	1	0.3	37.4
1.5500	3	0.9	38.3
1.5700	1	0.3	38.7
1.5800	2	0.6	39.3
1.5900	2	0.6	39.9
1.6100	1	0.3	40.2
1.6200	4	1.2	41.4
1.6300	2	0.6	42.0
1.6400	3	0.9	42.9
1.6600	1	0.3	43.3
1.6700	2	0.6	43.9
1.6800	2	0.6	44.5
1.6900	1	0.3	44.8
1.7100	2	0.6	45.4
1.7200	2	0.6	46.0
1.7600	3	0.9	46.9
1.7700	2	0.6	47.5
1.7800	5	1.5	49.1
2.0500	6	1.8	62.0
2.0600	3	0.9	62.9
2.0700	3	0.9	63.8
2.0800	1	0.3	64.1
2.0900	1	0.3	64.4
2.1000	2	0.6	65.0
2.1100	2	0.6	65.6
2.1200	5	1.5	67.2
2.1300	3	0.9	68.1
2.1400	2	0.6	68.7
2.1500	1	0.3	69.0
2.1600	2	0.6	69.6
2.1800	2	0.6	70.2
2.1900	1	0.3	70.6
2.2000	2	0.6	71.2
2.2100	3	0.9	72.1
2.2200	4	1.2	73.3
2.2300	1	0.3	73.6
2.2400	1	0.3	73.9
2.2500	2	0.6	74.5
2.2600	2	0.6	75.2
2.2700	2	0.6	75.8
2.6100	1	0.3	92.0
2.6300	1	0.3	92.3
2.6400	3	0.9	93.3
2.6500	2	0.6	93.9
2.6600	1	0.3	94.2
2.6700	1	0.3	94.5
2.6800	2	0.6	95.1
2.7000	2	0.6	95.7
2.7100	2	0.6	96.3
2.7400	2	0.6	96.9
2.7700	2	0.6	97.5
2.7800	1	0.3	97.9
2.8400	1	0.3	98.2
2.9000	1	0.3	98.5
2.9100	1	0.3	98.8
2.9300	1	0.3	99.1
2.9700	1	0.3	99.4
3.2100	1	0.3	99.7
3.3300	1	0.3	100.0

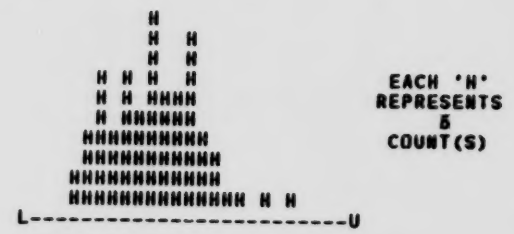
****
* COBALT *
****

VARIABLE NUMBER	7
NUMBER OF DISTINCT VALUES .	23
NUMBER OF VALUES COUNTED. .	326
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	30.0000000
MINIMUM	5.0000000
RANGE	25.0000000
VARIANCE	22.7955627
ST.DEV.	4.7744713
(Q3-Q1)/2	3.5000000
MX.ST.SC.	3.27
MN.ST.SC.	-1.96

LOCATION ESTIMATES

		ST.ERROR
MEAN	14.3773003	0.2644336
MEDIAN	15.0000000	0.2886752
MODE	15.0000000	



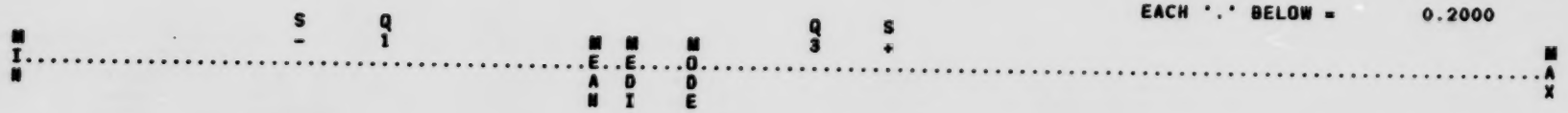
EACH '-' ABOVE = 1.5000
L= 0.0
U= 37.5000

CASE NO. OF MIN. VAL. = 160
CASE NO. OF MAX. VAL. = 274

	VALUE	VALUE/S.E.
SKEWNESS	0.11	0.82
KURTOSIS	-0.37	-1.35

Q1= 11.0000000
Q3= 18.0000000
S-= 9.6028290
S+= 19.1517639

EACH '.' BELOW = 0.2000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
5.	6	1.8	1.8	11.	14	4.3	29.1	17.	27	8.3	73.3	23.	4	1.2	97.9
6.	2	0.6	2.5	12.	18	5.5	34.7	18.	17	5.2	78.5	24.	1	0.3	98.2
7.	20	6.1	8.6	13.	21	6.4	41.1	19.	27	8.3	86.8	25.	1	0.3	98.5
8.	25	7.7	16.3	14.	22	6.7	47.9	20.	18	5.5	92.3	27.	4	1.2	99.7
9.	10	3.1	19.3	15.	27	8.3	56.1	21.	10	3.1	95.4	30.	1	0.3	100.0
10.	18	5.5	24.8	16.	29	8.9	65.0	22.	4	1.2	96.6				

PAGE 8 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7713 21 0/3C

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*************
* NICKEL    *
*************                                    MAXIMUM        67.0000000
                                                 MINIMUM        11.0000000
                                                 RANGE          56.0000000
VARIABLE NUMBER . . . . . .         8            VARIANCE      194.5257568
NUMBER OF DISTINCT VALUES .        54            ST.DEV.        13.9472494
NUMBER OF VALUES COUNTED. .       326            (Q3-Q1)/2      11.5000000
NUMBER OF VALUES NOT COUNTED        0            MX.ST.SC.       2.27
                                                 MN.ST.SC.      -1.75

LOCATION ESTIMATES                                    ST.ERROR
                 MEAN           35.3588867          0.7724668
                 MEDIAN         37.0000000          1.4433756
                 MODE           40.0000000
```

```
                 H
                 H
                 H   H         EACH 'H'
   H H  H        H   H        REPRESENTS
   HHH  H      HHHH  H             4
   HHH  H HHHHHHH  H H         COUNT(S)
   HHHH HHHHHHHHHHH  H
  HHHHHHHHHHHHHHHHHHHH
  HHHHHHHHHHHHHHHHHHHHHHH
L-------------------------U

   EACH '-' ABOVE =       2.5000
                L=        7.5000
                U=       70.0000
CASE NO. OF MIN. VAL. =  177
CASE NO. OF MAX. VAL. =  185

                                           Q1=   23.0000000
              VALUE   VALUE/S.E.           Q3=   46.0000000
SKEWNESS       0.01         0.06           S-=   21.4116364
KURTOSIS      -1.06        -3.91           S+=   49.3061218

              EACH '.' BELOW =       0.5000
```

```
               S Q                                  Q     S
M              - 1                   M  M   M       3     +                          M
I....................................E..E...O.....................................A
N                                    A  D   D                                        X
                                     N  I   E
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
11.	2	0.6	0.6	25.	5	1.5	28.5	39.	7	2.1	56.1	53.	4	1.2	90.2
12.	3	0.9	1.5	26.	9	2.8	31.3	40.	16	4.9	61.0	54.	4	1.2	91.4
13.	10	3.1	4.6	27.	9	2.8	34.0	41.	9	2.8	63.8	55.	6	1.8	93.3
14.	9	2.8	7.4	28.	5	1.5	35.6	42.	8	2.5	66.3	56.	5	1.5	94.8
15.	2	0.6	8.0	29.	6	1.8	37.4	43.	2	0.6	66.9	57.	4	1.2	96.0
16.	7	2.1	10.1	30.	4	1.2	38.7	44.	15	4.6	71.5	58.	3	0.9	96.9
17.	12	3.7	13.8	31.	5	1.5	40.2	45.	5	1.5	73.0	59.	2	0.6	97.5
18.	10	3.1	16.9	32.	4	1.2	41.4	46.	7	2.1	75.2	60.	1	0.3	97.9
19.	10	3.1	19.9	33.	11	3.4	44.8	47.	8	2.5	77.6	61.	1	0.3	98.2
20.	4	1.2	21.2	34.	3	0.9	45.7	48.	5	1.5	79.1	63.	3	0.9	99.1
21.	6	1.8	23.0	35.	4	1.2	46.9	49.	5	1.5	80.7	65.	1	0.3	99.4
22.	6	1.8	24.8	36.	8	2.5	49.4	50.	10	3.1	83.7	67.	2	0.6	100.0
23.	2	0.6	25.5	37.	4	1.2	50.6	51.	8	2.5	86.2				
24.	5	1.5	27.0	38.	11	3.4	54.0	52.	9	2.8	89.0				

****
* SILVER *
****

VARIABLE NUMBER	9	MAXIMUM	1.5000000
NUMBER OF DISTINCT VALUES .	3	MINIMUM	0.5000000
NUMBER OF VALUES COUNTED. .	326	RANGE	1.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0575672
		ST.DEV.	0.2399316
		(Q3-Q1)/2	0.2500000
		MX.ST.SC.	2.63
		MN.ST.SC.	-1.54

LOCATION ESTIMATES

		ST.ERROR
MEAN	0.8696319	0.0132886
MEDIAN	1.0000000	0.0
MODE	1.0000000	

EACH '-' ABOVE = 0.0500
L= 0.4000
U= 1.6500

CASE NO. OF MIN. VAL. = 8
CASE NO. OF MAX. VAL. = 2

	VALUE	VALUE/S.E.
SKEWNESS	-0.57	-4.23
KURTOSIS	-0.49	-1.80

Q1= 0.5000000
Q3= 1.0000000
S-= 0.6297002
S+= 1.1095629

EACH '.' BELOW = 0.0100

VALUE	COUNT	PERCENTS CELL	CUM
0.5000	91	27.9	27.9
1.0000	229	70.2	98.2
1.5000	6	1.8	100.0

MOLYBDEN

VARIABLE NUMBER	10	MAXIMUM	4.0000000
NUMBER OF DISTINCT VALUES .	2	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	326	RANGE	2.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0122699
		ST.DEV.	0.1107697
		(Q3-Q1)/2	0.0
		MX.ST.SC.	18.00
		MN.ST.SC.	-0.06

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0061340	0.0061350
MEDIAN	2.0000000	0.0
MODE	2.0000000	

EACH '-' ABOVE = 0.1000
L= 1.8000
U= 4.8000
CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 147

	VALUE	VALUE/S.E.
SKEWNESS	17.89	131.87
KURTOSIS	319.02	1175.76

Q1= 2.0000000
Q3= 2.0000000
S-= 1.8953638
S+= 2.1169033

EACH '.' BELOW = 0.0200

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
2.	325	99.7	99.7	4.	1	0.3	100.0

PAGE 11 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7713 21 O/3C

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 ************
 * URANIUM  *
 ************

VARIABLE NUMBER . . . . . .        11
NUMBER OF DISTINCT VALUES .        38
NUMBER OF VALUES COUNTED. .        99
NUMBER OF VALUES NOT COUNTED      227

                                MAXIMUM        8.2999992
                                MINIMUM        1.8999996
                                RANGE          6.3999996
                                VARIANCE       1.5856733
                                ST.DEV.        1.2592354
                                (Q3-Q1)/2      0.5999999
                                MX.ST.SC.      3.62
                                MN.ST.SC.     -1.46

LOCATION ESTIMATES                          ST.ERROR
                MEAN            3.7393703    0.1265579
                MEDIAN          3.3999996    0.0866026
                MODE           NOT UNIQUE
```

```
                H
                HH                          EACH 'H'
                HHH                        REPRESENTS
               HHHH                            2
               HHHHHH                      COUNT(S)
             HHHHHHHH
            HHHHHHHHHH H H
            HHHHHHHHHHHHHHH H   HH
           L-------------------------U

            EACH '-' ABOVE =        0.3000
                         L=        1.5000
                         U=        9.0000
        CASE NO. OF MIN. VAL. =  311
        CASE NO. OF MAX. VAL. =   86

                                  Q1=     3.0000000
                VALUE   VALUE/S.E.  Q3=     4.1999998
SKEWNESS         1.48        6.02   S-=     2.4801350
KURTOSIS         2.53        5.13   S+=     4.9986057

            EACH '.' BELOW =        0.0500
```

```
        S         Q                 Q           S                                                                  M
M       -         1      M    M    3           +                                                                  A
I.......................E.....E.......................................................................................X
N                        D    A
                         I    N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.900	1	1.0	1.0	3.000	5	5.1	29.3	4.000	2	2.0	72.7	5.700	1	1.0	91.9
2.100	3	3.0	4.0	3.100	5	5.1	34.3	4.100	1	1.0	73.7	5.800	1	1.0	92.9
2.200	1	1.0	5.1	3.200	6	6.1	40.4	4.200	3	3.0	76.8	5.900	1	1.0	93.9
2.300	1	1.0	6.1	3.300	5	5.1	45.5	4.400	4	4.0	80.8	6.000	2	2.0	96.0
2.400	3	3.0	9.1	3.400	5	5.1	50.5	4.600	3	3.0	83.8	6.800	1	1.0	97.0
2.500	5	5.1	14.1	3.500	4	4.0	54.5	4.900	1	1.0	84.8	7.800	1	1.0	98.0
2.600	1	1.0	15.2	3.600	6	6.1	60.6	5.100	3	3.0	87.9	8.100	1	1.0	99.0
2.700	3	3.0	18.2	3.700	3	3.0	63.6	5.200	1	1.0	88.9	8.300	1	1.0	100.0
2.800	2	2.0	20.2	3.800	2	2.0	65.7	5.400	1	1.0	89.9				
2.900	4	4.0	24.2	3.900	5	5.1	70.7	5.600	1	1.0	90.9				

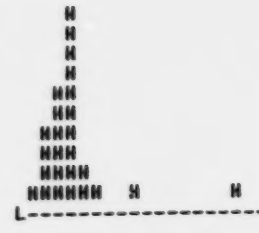
TUNGSTEN

VARIABLE NUMBER	12
NUMBER OF DISTINCT VALUES	11
NUMBER OF VALUES COUNTED	326
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	80.0000000
MINIMUM	2.0000000
RANGE	78.0000000
VARIANCE	57.4177856
ST.DEV.	7.5774527
(Q3-Q1)/2	4.0000000
MX.ST.SC.	8.51
MN.ST.SC.	-1.79

LOCATION ESTIMATES

		ST.ERROR
MEAN	15.5460119	0.4196764
MEDIAN	16.0000000	0.0
MODE	16.0000000	



EACH '-' ABOVE = 5.0000
L= 0.0
U= 124.9999
CASE NO. OF MIN. VAL. = 9
CASE NO. OF MAX. VAL. = 116

	VALUE	VALUE/S.E.
SKEWNESS	4.05	29.87
KURTOSIS	30.67	113.05

Q1= 12.0000000
Q3= 20.0000000
S-= 7.9685593
S+= 23.1234589

EACH '.' BELOW = 0.7500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2.	1	0.3	0.3	12.	86	26.4	43.9	20.	56	17.2	89.9	40.	3	0.9	99.4
4.	5	1.5	1.8	16.	93	28.5	72.4	24.	21	6.4	96.3	80.	2	0.6	100.0
8.	51	15.6	17.5	18.	1	0.3	72.7	28.	7	2.1	98.5				

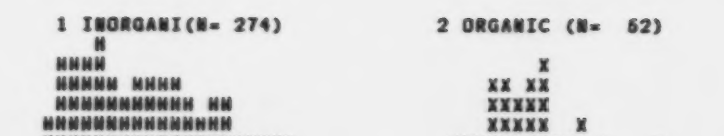
21 O/3C
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.93	0.0569	96.9
T (POOLED)	-1.51	0.1318	324
F(FOR VARIANCES)			
LEVENE	16.84	0.0001	1, 324

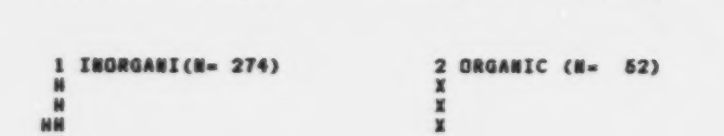
GROUP	1 INORGANI	2 ORGANIC
MEAN	8.9160	9.9231
STD DEV	4.6009	3.1737
S.E.M.	0.2779	0.4401
SAMPLE SIZE	274	52
MAXIMUM	22.0000	20.0000
MINIMUM	1.0000	4.0000



****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.66	0.0085	198.0
T (POOLED)	-1.53	0.1259	324
F(FOR VARIANCES)			
LEVENE	0.41	0.5229	1, 324

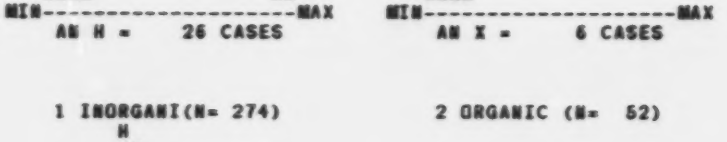
GROUP	1 INORGANI	2 ORGANIC
MEAN	25.0027	28.5385
STD DEV	16.3627	6.4214
S.E.M.	0.9886	0.8905
SAMPLE SIZE	274	52
MAXIMUM	209.0000	45.0000
MINIMUM	11.0000	17.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-3.34	0.0014	63.1
T (POOLED)	-3.98	0.0001	324
F(FOR VARIANCES)			
LEVENE	5.22	0.0229	1, 324

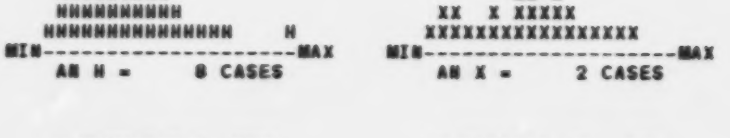
GROUP	1 INORGANI	2 ORGANIC
MEAN	66.6779	81.4229
STD DEV	23.2948	30.1502
S.E.M.	1.4073	4.1811
SAMPLE SIZE	274	52
MAXIMUM	172.0000	148.0000
MINIMUM	19.0000	22.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.16	0.2523	50.8
T (POOLED)	-1.47	0.1428	324
F(FOR VARIANCES)			
LEVENE	8.38	0.0041	1, 324

GROUP	1 INORGANI	2 ORGANIC
MEAN	1003.5603	1191.1506
STD DEV	782.0820	1119.7634
S.E.M.	47.2473	155.2832
SAMPLE SIZE	274	52
MAXIMUM	5400.0000	5900.0000
MINIMUM	90.0000	90.0000

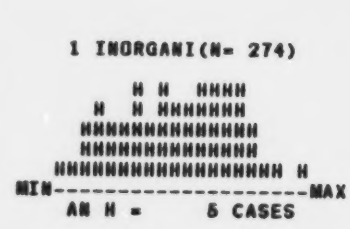


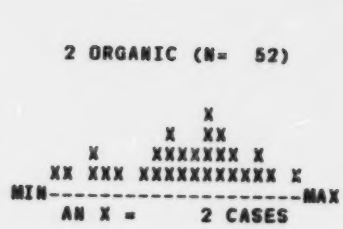
DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.69	0.0953	66.7
T (POOLED)	-1.65	0.0651	324
F(FOR VARIANCES) LEVENE	0.30	0.5815	1, 324

GROUP	1 INORGANI	2 ORGANIC
MEAN	1.7253	1.9036
STD DEV	0.6224	0.7099
S.E.M.	0.0376	0.0985
SAMPLE SIZE	274	52
MAXIMUM	3.2100	3.3300
MINIMUM	0.3900	0.2900

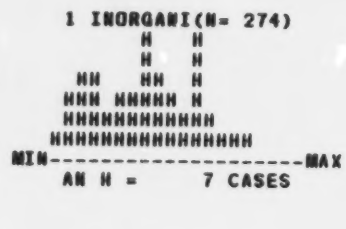


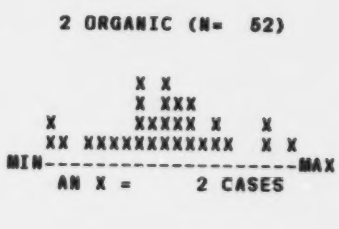


****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-3.22	0.0020	63.4
T (POOLED)	-3.79	0.0002	324
F(FOR VARIANCES) LEVENE	1.53	0.2176	1, 324

GROUP	1 INORGANI	2 ORGANIC
MEAN	13.9488	16.6344
STD DEV	4.4644	5.6915
S.E.M.	0.2697	0.7893
SAMPLE SIZE	274	52
MAXIMUM	25.0000	30.0000
MINIMUM	5.0000	5.0000

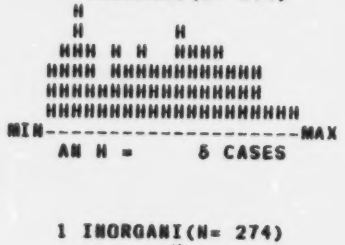


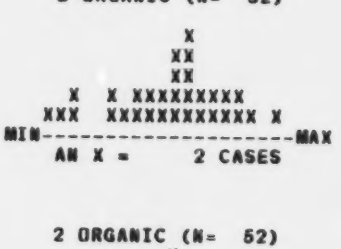


****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.62	0.0103	84.0
T (POOLED)	-2.26	0.0243	324
F(FOR VARIANCES) LEVENE	11.03	0.0010	1, 324

GROUP	1 INORGANI	2 ORGANIC
MEAN	34.6012	39.3460
STD DEV	14.2624	11.4649
S.E.M.	0.8616	1.5899
SAMPLE SIZE	274	52
MAXIMUM	67.0000	63.0000
MINIMUM	11.0000	13.0000

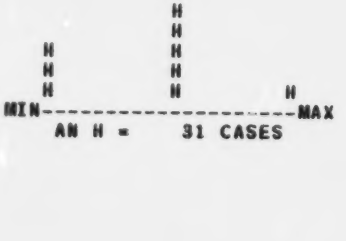


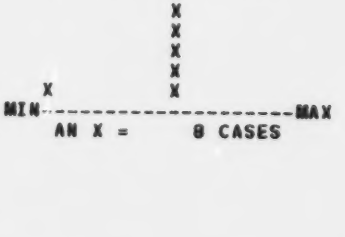


****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.16	0.0330	91.2
T (POOLED)	-1.76	0.0797	324
F(FOR VARIANCES) LEVENE	28.35	0.0000	1, 324

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.8595	0.9231
STD DEV	0.2484	0.1822
S.E.M.	0.0150	0.0253
SAMPLE SIZE	274	52
MAXIMUM	1.5000	1.0000
MINIMUM	0.5000	0.5000



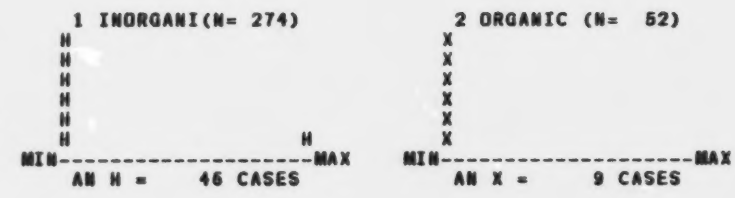


DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.99	0.3210	273.0
T (POOLED)	0.43	0.6656	324
F(FOR VARIANCES)			
LEVENE	0.76	0.3845	1, 324

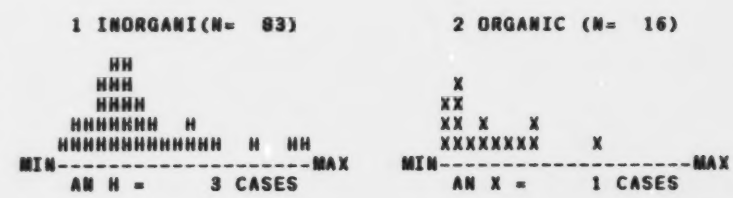
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0073	2.0000
STD DEV	0.1208	0.0
S.E.M.	0.0073	0.0
SAMPLE SIZE	274	52
MAXIMUM	4.0000	2.0000
MINIMUM	2.0000	2.0000



****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.34	0.0280	24.0
T (POOLED)	2.08	0.0402	97
F(FOR VARIANCES)			
LEVENE	0.22	0.6367	1, 97

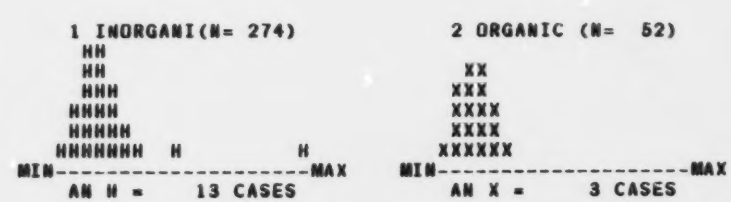
GROUP	1 INORGANI	2 ORGANIC
MEAN	3.8530	3.1500
STD DEV	1.2675	1.0652
S.E.M.	0.1391	0.2663
SAMPLE SIZE	83	16
MAXIMUM	8.3000	5.9000
MINIMUM	1.9000	2.1000



****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.92	0.0042	113.3
T (POOLED)	2.09	0.0370	324
F(FOR VARIANCES)			
LEVENE	0.53	0.4688	1, 324

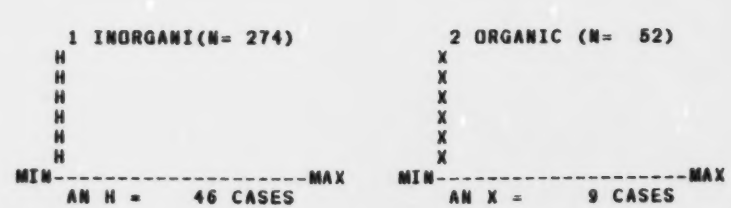
GROUP	1 INORGANI	2 ORGANIC
MEAN	15.9262	13.5384
STD DEV	7.9499	4.7628
S.E.M.	0.4803	0.6605
SAMPLE SIZE	274	52
MAXIMUM	80.0000	24.0000
MINIMUM	2.0000	4.0000



****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	324
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 324

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	274	52
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0



NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.868 SECONDS

21 O/3D
1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7714 21 0/30

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7714001	47.0009	-67.4635	0	0	1	12.0	34.0	105.0	560.0	1.62	14.0	32.0	1.0	2.0	4.7	12.0	
82	7714002	47.0003	-67.4720	0	0	1	21.0	40.0	149.0	7200.0	2.43	18.0	35.0	1.0	2.0		20.0	
82	7714003	47.0010	-67.4730	0	0	1	24.0	40.0	106.0	980.0	3.02	17.0	35.0	1.0	2.0		16.0	
82	7714004	47.0021	-67.4761	0	0	2	6.0	17.0	61.0	530.0	1.75	13.0	29.0	.5	2.0	2.2	12.0	
82	7714005	47.0042	-67.4954	0	0	1	13.0	25.0	106.0	2700.0	3.07	17.0	39.0	1.0	2.0		16.0	
82	7714006	47.0025	-67.4950	0	0	1	10.0	31.0	82.0	4400.0	2.54	20.0	29.0	1.0	2.0		16.0	
82	7714007	47.0058	-67.4970	0	0	1	7.0	17.0	64.0	300.0	1.80	12.0	29.0	.5	2.0	1.7	12.0	
82	7714008	47.0078	-67.4974	0	0	1	7.0	25.0	100.0	1700.0	2.03	16.0	32.0	.5	2.0		16.0	
82	7714009	47.0087	-67.4953	0	0	1	7.0	25.0	95.0	1200.0	1.94	15.0	31.0	.5	2.0		12.0	
82	7714010	47.0105	-67.4944	0	0	1	6.0	20.0	87.0	590.0	1.79	15.0	32.0	.5	2.0	2.0	8.0	
82	7714011	47.0130	-67.4955	0	0	1	12.0	28.0	125.0	1700.0	2.09	17.0	40.0	1.0	2.0		16.0	
82	7714012	47.0412	-67.4831	0	0	1	10.0	28.0	107.0	1800.0	2.36	23.0	37.0	1.0	2.0		6.0	
82	7714013	47.0400	-67.4850	0	0	1	12.0	34.0	146.0	4700.0	2.65	35.0	42.0	1.0	2.0	3.2	20.0	
82	7714014	47.0384	-67.4870	0	0	1	10.0	31.0	107.0	3200.0	2.78	41.0	33.0	1.0	2.0		20.0	
82	7714015	47.0392	-67.4905	0	0	1	4.0	14.0	18.0	130.0	1.13	7.0	10.0	.5	2.0		16.0	
82	7714016	47.0375	-67.4794	0	0	1	6.0	17.0	74.0	450.0	1.77	14.0	30.0	.5	2.0	2.5	12.0	
82	7714017	47.0372	-67.4835	0	0	1	21.0	49.0	131.0	4900.0	2.45	17.0	29.0	1.0	4.0		12.0	
82	7714018	47.0355	-67.4802	0	0	2	8.0	20.0	75.0	1100.0	1.85	14.0	30.0	.5	2.0		8.0	
82	7714019	47.0325	-67.4825	0	0	2	12.0	28.0	103.0	2400.0	2.48	19.0	41.0	.5	2.0	2.8	12.0	
82	7714020	47.0299	-67.4880	0	0	2	10.0	23.0	72.0	2000.0	2.20	19.0	35.0	.5	2.0		12.0	
82	7714021	47.0255	-67.4885	0	0	2	10.0	23.0	51.0	400.0	2.03	16.0	27.0	.5	2.0	2.5	16.0	
82	7714022	47.0235	-67.4860	0	0	2	8.0	31.0	69.0	680.0	2.69	20.0	29.0	1.0	2.0		12.0	
82	7714023	47.0278	-67.4920	0	0	2	9.0	20.0	88.0	1100.0	2.18	16.0	36.0	1.0	2.0		8.0	
82	7714024	47.0386	-67.4810	0	0	1	9.0	23.0	95.0	310.0	2.15	17.0	38.0	1.0	2.0		4.0	
82	7714025	47.0417	-67.4812	0	0	1	9.0	23.0	95.0	1400.0	2.19	18.0	37.0	1.0	2.0	3.1	8.0	
82	7714026	47.0404	-67.4799	0	0	1	10.0	23.0	87.0	1600.0	2.17	16.0	36.0	.5	2.0		8.0	
82	7714027	47.0380	-67.4771	0	0	1	10.0	18.0	93.0	3200.0	2.29	16.0	39.0	1.0	2.0		8.0	
82	7714028	47.0345	-67.4750	0	0	1	12.0	25.0	83.0	1600.0	2.21	17.0	36.0	.5	2.0	2.1	12.0	
82	7714029	47.0383	-67.4760	0	0	1	8.0	21.0	70.0	1100.0	2.26	14.0	36.0	.5	2.0		8.0	
82	7714030	47.0353	-67.4729	0	0	1	9.0	18.0	80.0	1300.0	2.09	14.0	35.0	.5	2.0		12.0	
82	7714031	47.0332	-67.4706	0	0	1	7.0	18.0	65.0	780.0	1.81	11.0	29.0	.5	2.0	2.5	12.0	
82	7714032	47.0340	-67.4697	0	0	1	10.0	18.0	59.0	900.0	1.87	12.0	32.0	.5	2.0		8.0	
82	7714033	47.0315	-67.4685	0	0	1	9.0	21.0	62.0	580.0	2.56	17.0	25.0	.5	2.0		12.0	
82	7714034	47.0315	-67.4610	0	0	1	11.0	31.0	103.0	2300.0	3.13	21.0	35.0	.5	2.0		8.0	
82	7714035	47.0295	-67.4620	0	0	1	11.0	18.0	78.0	810.0	1.93	12.0	36.0	.5	2.0	2.6	8.0	
82	7714036	47.0290	-67.4592	0	0	1	10.0	25.0	78.0	2400.0	1.80	13.0	27.0	.5	2.0		16.0	
82	7714037	47.0952	-67.4325	0	0	2	11.0	18.0	74.0	550.0	2.31	16.0	41.0	.5	2.0		12.0	
82	7714038	47.0940	-67.4353	0	0	2	15.0	21.0	83.0	360.0	2.56	18.0	55.0	1.0	2.0	3.0	12.0	
82	7714039	47.0974	-67.4302	0	0	2	13.0	21.0	82.0	810.0	2.45	18.0	46.0	1.0	2.0		8.0	
82	7714040	47.1022	-67.4272	0	0	2	12.0	28.0	124.0	6400.0	3.29	23.0	42.0	1.0	2.0		16.0	
82	7714041	47.0990	-67.4272	0	0	2	12.0	25.0	82.0	1300.0	2.42	18.0	43.0	1.0	2.0	2.0	12.0	
82	7714042	47.1006	-67.4236	0	0	2	10.0	18.0	70.0	1400.0	2.15	16.0	37.0	.5	2.0		16.0	
82	7714043	47.1024	-67.4230	0	0	2	9.0	18.0	72.0	1800.0	2.27	17.0	39.0	.5	2.0		16.0	
82	7714044	47.1045	-67.4215	0	0	2	11.0	21.0	78.0	960.0	2.36	17.0	43.0	.5	2.0	3.1	12.0	
82	7714045	47.1042	-67.4175	0	0	2	8.0	18.0	69.0	770.0	2.25	16.0	38.0	.5	2.0		12.0	
82	7714046	47.1055	-67.4159	0	0	2	9.0	15.0	67.0	880.0	2.11	16.0	38.0	.5	2.0		8.0	
82	7714047	47.1040	-67.4145	0	0	2	10.0	25.0	116.0	2300.0	2.57	21.0	46.0	1.0	2.0	2.6	16.0	
82	7714048	47.1029	-67.4119	0	0	2	10.0	21.0	108.0	3100.0	2.50	20.0	44.0	.5	2.0		16.0	
82	7714049	47.1015	-67.4090	0	0	2	10.0	15.0	88.0	1800.0	1.94	18.0	38.0	.5	2.0	5.8	16.0	
82	7714050	47.1011	-67.4058	0	0	2	14.0	34.0	78.0	1200.0	2.14	25.0	33.0	.5	2.0		16.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7714 21 O/3D

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7714051	47.0910	-67.4290	0	0	2	11.0	21.0	73.0	1300.0	2.22	14.0	40.0	1.0	2.0		12.0	
82	7714052	47.0900	-67.4324	0	0	2	12.0	27.0	83.0	1800.0	2.77	18.0	47.0	1.0	2.0	3.5	16.0	
82	7714053	47.0872	-67.4345	0	0	2	25.0	27.0	86.0	2700.0	2.79	20.0	56.0	1.0	2.0		16.0	
82	7714054	47.0847	-67.4345	0	0	2	13.0	24.0	89.0	1600.0	2.48	17.0	45.0	1.0	2.0		8.0	
82	7714055	47.0822	-67.4335	0	0	2	12.0	24.0	89.0	960.0	2.57	17.0	45.0	1.0	2.0	2.8	8.0	
82	7714056	47.0794	-67.4335	0	0	2	17.0	30.0	125.0	1600.0	2.89	19.0	56.0	1.0	2.0		12.0	
82	7714057	47.0788	-67.4361	0	0	2	19.0	27.0	131.0	1700.0	2.64	18.0	56.0	1.0	2.0		8.0	
82	7714058	47.0793	-67.4306	0	0	2	10.0	21.0	91.0	950.0	2.42	16.0	43.0	1.0	2.0	2.8	12.0	
82	7714059	47.0774	-67.4295	0	0	2	10.0	24.0	94.0	1300.0	2.59	18.0	46.0	1.0	2.0		8.0	
82	7714060	47.0751	-67.4285	0	0	2	9.0	21.0	83.0	680.0	2.42	16.0	42.0	1.0	2.0		8.0	
82	7714061	47.0723	-67.4270	0	0	2	13.0	30.0	86.0	2100.0	3.03	24.0	42.0	1.0	2.0	2.5	12.0	
82	7714062	47.0705	-67.4245	0	0	2	11.0	24.0	88.0	1200.0	2.52	17.0	45.0	1.0	2.0		12.0	
82	7714063	47.0705	-67.4200	0	0	2	13.0	30.0	102.0	5100.0	3.00	19.0	45.0	1.0	2.0		12.0	
82	7714064	47.1240	-67.4750	0	0	1	15.0	22.0	53.0	440.0	2.47	18.0	65.0	1.0	2.0	2.1	12.0	
82	7714065	47.1217	-67.4746	0	0	1	16.0	22.0	52.0	520.0	2.43	18.0	63.0	1.0	2.0		8.0	
82	7714066	47.1195	-67.4750	0	0	1	16.0	25.0	55.0	600.0	2.52	19.0	67.0	1.0	2.0		12.0	
82	7714067	47.1174	-67.4770	0	0	1	16.0	22.0	55.0	350.0	2.35	18.0	62.0	1.0	2.0	2.1	8.0	
82	7714068	47.1154	-67.4779	0	0	1	17.0	25.0	53.0	540.0	2.36	18.0	63.0	1.0	2.0		12.0	
82	7714069	47.1122	-67.4780	0	0	1	15.0	22.0	53.0	600.0	2.28	18.0	58.0	1.0	2.0		8.0	
82	7714070	47.1104	-67.4879	0	0	1	16.0	25.0	53.0	630.0	2.37	18.0	59.0	1.0	2.0	1.8	8.0	
82	7714071	47.1124	-67.4879	0	0	1	14.0	22.0	55.0	410.0	2.34	16.0	58.0	1.0	2.0		8.0	
82	7714072	47.1138	-67.4860	0	0	1	21.0	32.0	71.0	730.0	3.15	20.0	62.0	1.5	2.0		12.0	
82	7714073	47.1125	-67.4837	0	0	1	19.0	25.0	60.0	770.0	2.53	19.0	56.0	1.0	2.0	2.3	12.0	
82	7714074	47.1140	-67.4920	0	0	1	14.0	22.0	52.0	550.0	2.34	17.0	57.0	1.0	2.0		8.0	
82	7714075	47.1113	-67.4972	0	0	1	14.0	28.0	50.0	450.0	2.18	14.0	46.0	1.0	2.0		8.0	
82	7714076	47.1142	-67.4946	0	0	1	17.0	22.0	60.0	760.0	2.75	20.0	67.0	1.0	2.0	2.0	12.0	
82	7714077	47.1054	-67.3882	0	0	1	10.0	22.0	76.0	520.0	1.94	13.0	40.0	1.0	2.0		12.0	
82	7714078	47.1060	-67.3928	0	0	1	10.0	25.0	84.0	1100.0	2.25	15.0	43.0	1.0	2.0		12.0	
82	7714079	47.1085	-67.3965	0	0	1	10.0	22.0	59.0	960.0	2.03	14.0	35.0	1.0	2.0	2.5	12.0	
82	7714080	47.1110	-67.3975	0	0	1	7.0	16.0	62.0	680.0	1.96	13.0	37.0	1.0	2.0		8.0	
82	7714081	47.1132	-67.3948	0	0	1	12.0	28.0	77.0	570.0	2.70	17.0	46.0	1.0	2.0		12.0	
82	7714082	47.1144	-67.3950	0	0	1	9.0	22.0	74.0	740.0	2.10	15.0	40.0	1.0	2.0	2.8	8.0	
82	7714083	47.1135	-67.3908	0	0	1	17.0	28.0	84.0	3700.0	2.88	20.0	45.0	1.0	2.0		12.0	
82	7714084	47.1143	-67.3872	0	0	1	19.0	38.0	74.0	1700.0	2.42	18.0	45.0	1.0	2.0		8.0	
82	7714085	47.1148	-67.3845	0	0	1	16.0	31.0	94.0	2500.0	2.98	24.0	53.0	1.0	2.0	3.5	8.0	
82	7714086	47.1194	-67.3822	0	0	1	19.0	25.0	62.0	1000.0	3.09	18.0	49.0	1.0	2.0		12.0	
82	7714087	47.1180	-67.3848	0	0	1	16.0	31.0	94.0	1700.0	2.83	21.0	51.0	1.0	2.0		8.0	
82	7714088	47.1180	-67.3870	0	0	1	13.0	28.0	99.0	1400.0	2.55	17.0	45.0	1.0	2.0	4.0	8.0	
82	7714089	47.1178	-67.3903	0	0	1	12.0	28.0	104.0	970.0	2.57	18.0	48.0	1.0	2.0		8.0	
82	7714090	47.1170	-67.3927	0	0	1	14.0	31.0	84.0	730.0	2.25	15.0	46.0	1.0	2.0		12.0	
82	7714091	47.1185	-67.3945	0	0	1	9.0	25.0	72.0	610.0	2.06	13.0	36.0	1.0	2.0	2.5	12.0	
82	7714092	47.1200	-67.3938	0	0	1	9.0	25.0	65.0	260.0	1.64	11.0	34.0	1.0	2.0		8.0	
82	7714093	47.1213	-67.3918	0	0	1	10.0	25.0	80.0	1400.0	2.63	17.0	44.0	1.0	2.0		12.0	
82	7714094	47.1222	-67.3933	0	0	1	8.0	25.0	77.0	860.0	2.13	14.0	39.0	1.0	2.0	2.0	8.0	
82	7714095	47.1220	-67.3880	0	0	1	10.0	25.0	80.0	3600.0	2.82	21.0	46.0	1.0	2.0		12.0	
82	7714096	47.1222	-67.3850	0	0	1	15.0	44.0	86.0	2900.0	1.92	13.0	37.0	1.5	2.0		8.0	
82	7714097	47.0584	-67.3780	0	0	1	8.0	18.0	63.0	450.0	1.88	14.0	14.0	1.0	2.0		12.0	
82	7714098	47.0610	-67.3772	0	0	2	8.0	18.0	69.0	1500.0	2.08	17.0	17.0	1.0	2.0		16.0	
82	7714099	47.0628	-67.3788	0	0	2	17.0	36.0	103.0	1100.0	2.84	26.0	54.0	1.5	2.0		12.0	
82	7714100	47.0684	-67.3790	0	0	2	21.0	30.0	88.0	2000.0	2.48	21.0	50.0	1.0	2.0		4.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7714 21 O/SD

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7714101	47.0707	-67.3780	0	0	2	14.0	27.0	94.0	1500.0	2.75	21.0	53.0	1.0	2.0	3.5	16.0	
82	7714102	47.0733	-67.3765	0	0	2	22.0	54.0	84.0	22100.0	1.88	30.0	29.0	1.0	2.0		20.0	
82	7714103	47.0795	-67.3825	0	0	2	16.0	33.0	97.0	760.0	2.00	16.0	46.0	1.0	2.0	5.1	12.0	
82	7714104	47.0823	-67.3800	0	0	2	14.0	33.0	106.0	2100.0	2.00	16.0	44.0	1.0	2.0		8.0	
82	7714105	47.0847	-67.3780	0	0	2	13.0	33.0	122.0	1100.0	2.00	16.0	49.0	1.0	2.0		16.0	
82	7714106	47.0870	-67.3788	0	0	2	10.0	24.0	68.0	440.0	1.50	12.0	32.0	1.0	2.0	2.8	16.0	
82	7714107	47.0772	-67.3848	0	0	2	24.0	61.0	73.0	1200.0	2.13	17.0	31.0	2.0	2.0		16.0	
82	7714108	47.0754	-67.3867	0	0	2	30.0	43.0	137.0	3800.0	3.06	29.0	65.0	1.5	2.0		12.0	
82	7714109	47.0754	-67.3905	0	0	2	11.0	24.0	78.0	1700.0	2.09	17.0	40.0	1.0	2.0	2.6	16.0	
82	7714110	47.0770	-67.3933	0	0	2	14.0	30.0	70.0	1800.0	1.68	16.0	29.0	1.0	2.0		20.0	
82	7714111	47.0692	-67.3854	0	0	2	10.0	18.0	62.0	300.0	1.75	14.0	33.0	1.0	2.0	2.1	16.0	
82	7714112	47.0677	-67.3832	0	0	2	12.0	27.0	102.0	810.0	2.28	19.0	45.0	1.0	2.0		16.0	
82	7714113	47.0657	-67.3814	0	0	2	14.0	24.0	45.0	250.0	1.75	13.0	38.0	1.0	2.0		12.0	
82	7714114	47.0075	-67.4400	0	0	1	10.0	37.0	80.0	670.0	1.51	13.0	27.0	1.0	2.0		16.0	
82	7714115	47.0105	-67.4395	0	0	1	7.0	24.0	80.0	1100.0	1.98	15.0	35.0	1.0	2.0	2.3	20.0	
82	7714116	47.0125	-67.4400	0	0	1	10.0	30.0	92.0	860.0	2.19	16.0	40.0	1.0	2.0		16.0	
82	7714117	47.0147	-67.4410	0	0	1	10.0	30.0	81.0	2700.0	1.70	14.0	27.0	1.0	2.0		20.0	
82	7714118	47.0165	-67.4432	0	0	1	7.0	27.0	72.0	400.0	1.57	12.0	29.0	1.0	2.0	2.2	16.0	
82	7714119	47.0180	-67.4462	0	0	1	6.0	24.0	67.0	420.0	1.50	10.0	27.0	1.0	2.0		16.0	
82	7714120	47.0193	-67.4490	0	0	1	9.0	27.0	118.0	790.0	2.91	21.0	56.0	1.0	2.0		12.0	
82	7714121	47.0218	-67.4504	0	0	1	7.0	24.0	86.0	570.0	2.17	16.0	38.0	1.0	2.0	2.2	12.0	
82	7714122	47.0237	-67.4510	0	0	1	9.0	27.0	97.0	1400.0	2.33	17.0	45.0	1.0	2.0		12.0	
82	7714123	47.0259	-67.4492	0	0	1	5.0	18.0	57.0	450.0	1.39	10.0	26.0	1.0	2.0		12.0	
82	7714124	47.0063	-67.4429	0	0	2	14.0	27.0	65.0	670.0	1.90	15.0	37.0	1.0	2.0	3.0	8.0	
82	7714125	47.0075	-67.4452	0	0	2	10.0	27.0	89.0	650.0	2.16	16.0	41.0	1.0	2.0		8.0	
82	7714126	47.0092	-67.4475	0	0	2	9.0	27.0	76.0	680.0	2.40	17.0	47.0	1.0	2.0		12.0	
82	7714127	47.0110	-67.4495	0	0	2	9.0	24.0	94.0	610.0	2.62	19.0	53.0	1.0	2.0	2.3	8.0	
82	7714128	47.0125	-67.4520	0	0	2	10.0	27.0	91.0	800.0	2.50	19.0	51.0	1.0	2.0		12.0	
82	7714129	47.0144	-67.4553	0	0	2	10.0	27.0	85.0	990.0	2.27	17.0	48.0	1.0	2.0		12.0	
82	7714130	47.0044	-67.4386	0	0	1	8.0	24.0	69.0	760.0	1.88	15.0	35.0	1.0	2.0	3.0	20.0	
82	7714131	47.0030	-67.4362	0	0	1	9.0	24.0	68.0	890.0	1.72	13.0	33.0	1.0	2.0		12.0	
82	7714132	47.0018	-67.4350	0	0	1	10.0	30.0	111.0	820.0	2.30	17.0	40.0	1.0	2.0		8.0	
82	7714133	47.0015	-67.4206	0	0	1	11.0	33.0	100.0	1700.0	1.83	14.0	35.0	1.0	2.0	2.7	20.0	
82	7714134	47.0037	-67.4165	0	0	1	11.0	33.0	137.0	1000.0	2.88	20.0	47.0	1.0	2.0		20.0	
82	7714135	47.0067	-67.4167	0	0	1	9.0	27.0	116.0	920.0	2.48	18.0	44.0	1.0	2.0		20.0	
82	7714136	47.0100	-67.3892	0	0	1	10.0	27.0	102.0	800.0	2.20	17.0	47.0	1.0	2.0	3.7	2.0	
82	7714137	47.0078	-67.3872	0	0	1	9.0	24.0	94.0	670.0	2.07	16.0	44.0	1.0	2.0		8.0	
82	7714138	47.0055	-67.3840	0	0	1	10.0	24.0	99.0	620.0	2.21	16.0	47.0	1.0	2.0	3.8	12.0	
82	7714139	47.0002	-67.3790	0	0	1	32.0	36.0	86.0	620.0	1.96	16.0	46.0	1.0	2.0		16.0	
82	7714140	47.0005	-67.3830	0	0	1	18.0	39.0	96.0	1700.0	2.25	18.0	47.0	1.0	2.0		16.0	
82	7714141	47.0160	-67.3905	0	0	1	10.0	24.0	73.0	1200.0	2.07	16.0	38.0	1.0	2.0		20.0	
82	7714142	47.0185	-67.3884	0	0	1	11.0	27.0	88.0	1200.0	2.41	18.0	47.0	1.0	2.0		12.0	
82	7714143	47.0207	-67.3882	0	0	1	7.0	33.0	73.0	1200.0	1.50	12.0	29.0	1.0	2.0		12.0	
82	7714144	47.0235	-67.3882	0	0	1	15.0	27.0	83.0	1500.0	2.31	18.0	43.0	1.0	2.0	5.0	16.0	
82	7714145	47.0204	-67.3862	0	0	1	10.0	27.0	65.0	990.0	2.11	16.0	42.0	1.0	2.0		16.0	
82	7714146	47.0230	-67.3853	0	0	1	6.0	21.0	57.0	840.0	1.11	10.0	24.0	1.0	2.0		12.0	
82	7714147	47.0933	-67.4090	0	0	2	10.0	24.0	93.0	770.0	2.30	16.0	43.0	1.0	2.0	2.0	20.0	
82	7714148	47.0920	-67.4083	0	0	2	10.0	28.0	80.0	760.0	2.33	17.0	44.0	1.0	2.0		20.0	
82	7714149	47.0885	-67.4056	0	0	2	13.0	31.0	85.0	1700.0	2.75	20.0	48.0	1.0	2.0	2.3	16.0	
82	7714150	47.0875	-67.4024	0	0	2	14.0	24.0	83.0	1900.0	2.57	20.0	50.0	1.0	2.0		24.0	

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MAP SHEET 7714 21 D/3D

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7714151	47.0853	-67.4806	0	0	2	14.0	24.0	93.0	2300.0	2.78	21.0	51.0	1.0	2.0		24.0	
82	7714152	47.0830	-67.4780	0	0	2	14.0	34.0	127.0	1200.0	3.29	27.0	57.0	1.0	2.0		24.0	
82	7714153	47.0894	-67.4886	0	0	2	8.0	21.0	86.0	750.0	2.08	16.0	40.0	1.0	2.0	1.8	24.0	
82	7714154	47.0870	-67.4885	0	0	2	10.0	24.0	98.0	890.0	2.34	17.0	43.0	1.0	2.0		20.0	
82	7714155	47.0843	-67.4888	0	0	2	10.0	24.0	103.0	910.0	2.55	18.0	46.0	1.0	2.0		24.0	
82	7714156	47.0825	-67.4905	0	0	2	10.0	28.0	118.0	1300.0	2.78	20.0	50.0	1.0	2.0	2.6	16.0	
82	7714157	47.0800	-67.4908	0	0	2	8.0	20.0	100.0	1000.0	2.19	16.0	39.0	.5	2.0		24.0	
82	7714158	47.0765	-67.4859	0	0	2	16.0	25.0	98.0	290.0	2.04	14.0	46.0	1.0	2.0	2.2	16.0	
82	7714159	47.0764	-67.4870	0	0	2	11.0	31.0	157.0	2500.0	3.34	29.0	59.0	1.0	2.0		24.0	
82	7714160	47.0735	-67.4850	0	0	2	10.0	31.0	110.0	3300.0	2.56	33.0	42.0	1.0	2.0		28.0	
82	7714161	47.0740	-67.4994	0	0	1	21.0	41.0	98.0	1600.0	3.19	24.0	63.0	1.0	2.0	3.8	28.0	
82	7714162	47.0665	-67.4993	0	0	1	13.0	24.0	65.0	1300.0	2.21	15.0	40.0	1.0	2.0		28.0	
82	7714163	47.0635	-67.5000	0	0	1	10.0	20.0	87.0	530.0	2.37	17.0	42.0	.5	2.0		24.0	
82	7714164	47.0608	-67.4992	0	0	1	9.0	22.0	78.0	1200.0	2.33	16.0	39.0	1.0	2.0	2.2	20.0	
82	7714165	47.0595	-67.4978	0	0	1	13.0	28.0	93.0	1500.0	2.50	17.0	45.0	1.0	2.0		28.0	
82	7714166	47.0611	-67.4956	0	0	1	11.0	28.0	83.0	1100.0	2.50	17.0	41.0	1.0	2.0		28.0	
82	7714167	47.0623	-67.4922	0	0	1	10.0	27.0	86.0	1000.0	2.71	19.0	43.0	1.0	2.0	2.1	24.0	
82	7714168	47.0644	-67.4922	0	0	1	12.0	31.0	101.0	1600.0	2.56	20.0	47.0	1.0	2.0		20.0	
82	7714169	47.0557	-67.4960	0	0	1	12.0	24.0	84.0	1400.0	2.31	19.0	42.0	1.0	2.0		24.0	
82	7714170	47.0545	-67.4940	0	0	1	10.0	31.0	114.0	1800.0	2.41	20.0	46.0	1.0	2.0	3.0	28.0	
82	7714171	47.0532	-67.4948	0	0	1	10.0	24.0	86.0	1100.0	2.23	18.0	43.0	1.0	2.0		28.0	
82	7714172	47.0520	-67.4950	0	0	1	13.0	27.0	108.0	1300.0	2.48	20.0	48.0	1.0	2.0		20.0	
82	7714173	47.0510	-67.4956	0	0	1	9.0	24.0	84.0	380.0	2.22	18.0	42.0	1.0	2.0	3.5	16.0	
82	7714174	47.0546	-67.4916	0	0	1	10.0	27.0	88.0	1400.0	2.75	21.0	50.0	1.0	2.0		20.0	
82	7714175	47.0527	-67.4894	0	0	1	8.0	20.0	79.0	1800.0	2.34	19.0	40.0	1.0	2.0		28.0	
82	7714176	47.0504	-67.4880	0	0	1	12.0	31.0	89.0	2200.0	2.43	21.0	45.0	1.0	2.0	2.5	28.0	
82	7714177	47.0469	-67.4855	0	0	1	9.0	24.0	73.0	1100.0	2.13	17.0	40.0	1.0	2.0		28.0	
82	7714178	47.0449	-67.4845	0	0	1	8.0	24.0	53.0	590.0	2.10	15.0	34.0	1.0	2.0		28.0	
82	7714179	47.0435	-67.4835	0	0	1	11.0	31.0	111.0	370.0	2.58	20.0	48.0	1.0	2.0	3.5	16.0	
82	7714180	47.0917	-67.4243	0	0	2	10.0	27.0	76.0	3300.0	2.16	16.0	35.0	1.0	2.0		24.0	
82	7714181	47.0900	-67.4209	0	0	2	7.0	20.0	22.0	290.0	1.27	6.0	10.0	.5	2.0		28.0	
82	7714182	47.0885	-67.4185	0	0	2	9.0	24.0	78.0	1700.0	2.08	15.0	36.0	1.0	2.0	2.5	20.0	
82	7714183	47.0878	-67.4145	0	0	2	14.0	27.0	108.0	1900.0	2.33	18.0	47.0	1.0	2.0		16.0	
82	7714184	47.0908	-67.4116	0	0	2	18.0	31.0	111.0	3100.0	2.51	20.0	52.0	1.0	2.0		20.0	
82	7714185	47.0936	-67.4090	0	0	2	15.0	27.0	104.0	1500.0	2.20	18.0	47.0	1.0	2.0	4.0	16.0	
82	7714186	47.0857	-67.4150	0	0	2	9.0	24.0	79.0	2300.0	2.30	18.0	43.0	1.0	2.0		16.0	
82	7714187	47.0832	-67.4120	0	0	2	10.0	20.0	55.0	290.0	1.67	12.0	34.0	.5	2.0		12.0	
82	7714188	47.0805	-67.4140	0	0	2	21.0	31.0	99.0	910.0	2.71	18.0	56.0	1.0	2.0	4.8	20.0	
82	7714189	47.0760	-67.4123	0	0	2	17.0	34.0	118.0	1400.0	2.85	24.0	63.0	1.0	2.0		12.0	
82	7714190	47.0724	-67.4104	0	0	2	25.0	44.0	91.0	2200.0	2.67	22.0	48.0	1.0	2.0		16.0	
82	7714191	47.1248	-67.4416	0	0	1	16.0	17.0	58.0	260.0	2.12	17.0	62.0	1.0	2.0	1.7	16.0	
82	7714192	47.1232	-67.4375	0	0	1	17.0	22.0	57.0	440.0	2.54	20.0	70.0	1.0	2.0		20.0	
82	7714193	47.0943	-67.3895	0	0	2	10.0	33.0	129.0	2700.0	2.69	22.0	44.0	1.0	2.0	2.3	20.0	
82	7714194	47.0915	-67.3973	0	0	2	15.0	31.0	114.0	720.0	2.18	17.0	46.0	1.0	2.0		24.0	
82	7714195	47.0903	-67.3998	0	0	2	15.0	31.0	126.0	750.0	2.48	18.0	53.0	1.0	2.0		20.0	
82	7714196	47.0888	-67.4000	0	0	2	14.0	31.0	121.0	970.0	2.27	16.0	49.0	1.0	2.0	3.0	20.0	
82	7714197	47.0865	-67.4011	0	0	2	15.0	31.0	108.0	4300.0	3.53	34.0	58.0	1.0	2.0		12.0	
82	7714198	47.0845	-67.4035	0	0	2	12.0	28.0	101.0	5700.0	3.90	34.0	61.0	1.0	2.0		16.0	
82	7714199	47.1005	-67.3971	0	0	2	9.0	22.0	72.0	1600.0	1.95	16.0	31.0	.5	2.0	2.5	12.0	
82	7714100	47.1092	-67.4162	0	0	2	12.0	25.0	74.0	1100.0	2.22	17.0	41.0	1.0	2.0		16.0	

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MAP SHEET 7714 21 0/3D

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7714201	47.1112	-67.4150	0	0	2	10.0	22.0	78.0	800.0	2.35	18.0	47.0	1.0	2.0		12.0	
82	7714202	47.1132	-67.4140	0	0	2	20.0	47.0	98.0	3100.0	3.16	24.0	48.0	1.5	2.0	3.0	24.0	
82	7714203	47.1136	-67.4175	0	0	2	16.0	33.0	77.0	2500.0	2.63	26.0	41.0	1.0	2.0		24.0	
82	7714204	47.1158	-67.4093	0	0	2	15.0	25.0	101.0	2900.0	2.89	26.0	55.0	1.0	2.0		20.0	
82	7714205	47.1185	-67.4100	0	0	2	10.0	19.0	57.0	1800.0	2.02	18.0	29.0	1.0	2.0	2.3	16.0	
82	7714206	47.1208	-67.4122	0	0	2	15.0	31.0	121.0	2000.0	3.37	30.0	63.0	1.0	2.0		24.0	
82	7714207	47.1225	-67.4138	0	0	2	12.0	22.0	100.0	1700.0	2.77	26.0	53.0	1.0	2.0		24.0	
82	7714208	47.1240	-67.4155	0	0	2	12.0	28.0	101.0	3200.0	3.06	33.0	61.0	1.0	2.0	3.0	20.0	
82	7714209	47.1141	-67.4072	0	0	2	8.0	20.0	71.0	560.0	2.16	17.0	40.0	1.0	2.0		20.0	
82	7714210	47.1132	-67.4045	0	0	2	9.0	20.0	64.0	400.0	1.88	14.0	40.0	1.0	2.0		24.0	
82	7714211	47.1119	-67.4027	0	0	2	11.0	20.0	48.0	270.0	2.30	16.0	42.0	1.0	2.0	2.5	24.0	
82	7714212	47.1095	-67.3760	0	0	1	7.0	23.0	61.0	480.0	1.83	15.0	37.0	1.0	2.0		8.0	
82	7714213	47.1114	-67.3770	0	0	1	10.0	27.0	66.0	470.0	1.62	13.0	37.0	1.0	2.0		12.0	
82	7714214	47.1042	-67.3792	0	0	1	18.0	40.0	43.0	220.0	1.04	8.0	29.0	1.0	2.0		8.0	
82	7714215	47.0125	-67.3925	0	0	1	8.0	24.0	84.0	630.0	2.04	15.0	39.0	1.0	2.0	3.7	16.0	
82	7714216	47.0144	-67.3940	0	0	1	10.0	27.0	89.0	1400.0	2.42	18.0	41.0	1.0	2.0		12.0	
82	7714217	47.0177	-67.3942	0	0	1	10.0	27.0	118.0	1900.0	2.54	18.0	44.0	1.0	2.0		12.0	
82	7714218	47.0215	-67.3991	0	0	1	12.0	27.0	99.0	880.0	2.50	18.0	47.0	1.0	2.0	4.5	12.0	
82	7714219	47.0263	-67.4014	0	0	1	9.0	27.0	99.0	1700.0	2.21	17.0	39.0	1.0	2.0		12.0	
82	7714220	47.0284	-67.4025	0	0	1	8.0	24.0	76.0	3100.0	2.72	19.0	43.0	1.0	2.0		16.0	
82	7714221	47.0312	-67.4038	0	0	1	9.0	27.0	86.0	1000.0	2.00	15.0	36.0	1.0	2.0	3.2	16.0	
82	7714222	47.0326	-67.4043	0	0	1	9.0	27.0	112.0	2800.0	2.13	17.0	36.0	1.0	2.0		16.0	
82	7714223	47.0342	-67.4055	0	0	1	9.0	27.0	110.0	4000.0	2.14	18.0	39.0	1.0	2.0		12.0	
82	7714224	47.0360	-67.4053	0	0	1	8.0	27.0	99.0	5500.0	2.41	20.0	39.0	1.0	2.0	2.2	16.0	
82	7714225	47.0379	-67.4066	0	0	1	7.0	27.0	112.0	5100.0	2.52	20.0	39.0	1.0	2.0		24.0	
82	7714226	47.0402	-67.4076	0	0	1	7.0	27.0	95.0	2200.0	2.06	17.0	33.0	1.0	2.0		20.0	
82	7714227	47.0425	-67.4093	0	0	1	7.0	27.0	92.0	2100.0	2.27	17.0	37.0	1.0	2.0	2.2	20.0	
82	7714228	47.0458	-67.4137	0	0	2	8.0	31.0	100.0	4600.0	2.53	22.0	36.0	1.0	2.0		20.0	
82	7714229	47.0478	-67.4176	0	0	2	7.0	24.0	67.0	350.0	2.07	17.0	36.0	1.0	2.0		20.0	
82	7714230	47.0504	-67.4202	0	0	2	6.0	27.0	64.0	1700.0	1.81	15.0	30.0	1.0	2.0	2.6	24.0	
82	7714231	47.0503	-67.4242	0	0	2	9.0	34.0	107.0	2000.0	1.84	27.0	29.0	.5	2.0		12.0	
82	7714232	47.0490	-67.4297	0	0	2	7.0	24.0	38.0	390.0	.91	7.0	18.0	.5	2.0		20.0	
82	7714233	47.0485	-67.4322	0	0	2	8.0	34.0	77.0	3800.0	2.01	21.0	18.0	.5	2.0		20.0	
82	7714234	47.0486	-67.4365	0	0	2	9.0	48.0	39.0	520.0	.50	7.0	14.0	1.0	2.0	.3	24.0	
82	7714235	47.0392	-67.4375	0	0	1	11.0	36.0	106.0	3000.0	1.68	26.0	27.0	1.0	2.0		8.0	
82	7714236	47.0363	-67.4345	0	0	1	10.0	39.0	117.0	4800.0	1.87	22.0	33.0	1.0	2.0		4.0	
82	7714237	47.0322	-67.4287	0	0	1	7.0	24.0	73.0	1400.0	1.71	14.0	32.0	1.0	2.0	2.0	8.0	
82	7714238	47.0315	-67.4256	0	0	1	9.0	33.0	88.0	670.0	1.69	15.0	34.0	1.0	2.0		8.0	
82	7714239	47.0302	-67.4223	0	0	1	8.0	24.0	37.0	110.0	.53	5.0	10.0	.5	2.0		8.0	
82	7714240	47.0285	-67.4200	0	0	1	10.0	36.0	97.0	1600.0	1.92	16.0	36.0	1.0	2.0	2.8	12.0	
82	7714241	47.0369	-67.3760	0	0	1	7.0	21.0	67.0	540.0	1.27	11.0	26.0	1.0	2.0		16.0	
82	7714242	47.0343	-67.3762	0	0	1	8.0	30.0	42.0	340.0	.34	5.0	11.0	1.0	2.0		24.0	
82	7714243	47.0318	-67.3768	0	0	1	7.0	21.0	62.0	480.0	1.23	10.0	28.0	1.0	2.0	4.7	24.0	
82	7714244	47.0303	-67.3815	0	0	1	10.0	27.0	60.0	440.0	1.10	9.0	28.0	1.0	2.0		24.0	
82	7714245	47.0327	-67.3815	0	0	1	10.0	27.0	60.0	480.0	1.27	10.0	29.0	1.0	2.0		24.0	
82	7714246	47.0357	-67.3839	0	0	1	13.0	30.0	67.0	800.0	1.57	12.0	33.0	1.0	2.0	4.5	24.0	
82	7714247	47.0378	-67.3759	0	0	1	13.0	27.0	65.0	940.0	2.11	16.0	40.0	1.0	2.0		20.0	
82	7714248	47.0920	-67.4450	0	0	1	17.0	31.0	88.0	2000.0	1.76	16.0	78.0	1.0	2.0	7.5	8.0	
82	7714249	47.0823	-67.4560	0	0	1	18.0	31.0	106.0	1100.0	3.18	23.0	131.0	1.0	2.0		8.0	
82	7714250	47.0803	-67.4592	0	0	1	16.0	31.0	113.0	770.0	2.55	20.0	111.0	1.0	2.0		12.0	

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MAP SHEET 7714 21 O/SD

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7714251	47.0755	-67.4680	0	0	1	8.0	27.0	106.0	790.0	3.00	21.0	83.0	1.0	2.0	3.5	12.0	
82	7714252	47.0732	-67.4645	0	0	1	13.0	29.0	137.0	3800.0	3.06	21.0	51.0	1.0	2.0		12.0	
82	7714253	47.0728	-67.4598	0	0	1	12.0	27.0	132.0	2500.0	2.75	20.0	109.0	1.0	2.0		8.0	
82	7714254	47.0733	-67.4489	0	0	1	7.0	17.0	83.0	530.0	1.97	15.0	83.0	.5	2.0	2.1	12.0	
82	7714255	47.0703	-67.4490	0	0	2	12.0	27.0	155.0	1700.0	2.48	18.0	107.0	1.0	2.0		12.0	
82	7714256	47.0685	-67.4531	0	0	2	13.0	31.0	170.0	2200.0	2.38	18.0	111.0	1.0	2.0		8.0	
82	7714257	47.0716	-67.4450	0	0	2	7.0	20.0	82.0	570.0	1.63	14.0	75.0	1.0	2.0	3.2	12.0	
82	7714258	47.0694	-67.4421	0	0	2	10.0	24.0	92.0	550.0	2.04	16.0	80.0	1.0	2.0		16.0	
82	7714259	47.0677	-67.4402	0	0	2	9.0	20.0	85.0	320.0	1.65	17.0	85.0	1.0	2.0		16.0	
82	7714260	47.0656	-67.4373	0	0	2	8.0	20.0	85.0	1200.0	1.95	17.0	75.0	1.0	2.0	2.2	16.0	
82	7714261	47.0630	-67.4350	0	0	2	8.0	24.0	95.0	1500.0	2.05	18.0	83.0	1.0	2.0		16.0	
82	7714262	47.0610	-67.4320	0	0	2	8.0	20.0	78.0	1700.0	1.83	17.0	73.0	1.0	2.0		12.0	
82	7714263	47.0605	-67.4275	0	0	2	9.0	17.0	54.0	1100.0	2.00	16.0	82.0	.5	2.0	2.3	16.0	
82	7714264	47.0585	-67.4255	0	0	2	11.0	17.0	60.0	790.0	1.90	16.0	75.0	.5	2.0		16.0	
82	7714265	47.0567	-67.4238	0	0	2	7.0	24.0	85.0	2400.0	1.71	21.0	63.0	1.0	2.0		20.0	
82	7714266	47.0548	-67.4200	0	0	2	8.0	27.0	75.0	810.0	1.70	21.0	70.0	1.0	2.0	2.6	16.0	
82	7714267	47.0550	-67.4152	0	0	2	7.0	37.0	70.0	3800.0	1.92	45.0	60.0	1.0	2.0		24.0	
82	7714268	47.1160	-67.4624	0	0	2	12.0	22.0	44.0	660.0	1.65	11.0	28.0	1.0	2.0		20.0	
82	7714269	47.1144	-67.4605	0	0	2	19.0	33.0	90.0	1900.0	3.01	16.0	39.0	1.0	2.0	3.8	16.0	
82	7714270	47.1142	-67.4590	0	0	2	23.0	28.0	84.0	1700.0	2.28	14.0	42.0	1.0	2.0		20.0	
82	7714271	47.1168	-67.4566	0	0	2	18.0	25.0	100.0	1800.0	2.71	18.0	50.0	1.0	2.0		24.0	
82	7714272	47.1177	-67.4524	0	0	2	14.0	28.0	102.0	3000.0	2.76	20.0	48.0	1.0	2.0		24.0	
82	7714273	47.1165	-67.4384	0	0	2	6.0	19.0	31.0	80.0	.84	6.0	16.0	.5	2.0	1.6	20.0	
82	7714274	47.1175	-67.4330	0	0	2	10.0	22.0	55.0	420.0	1.53	10.0	28.0	.5	2.0		20.0	
82	7714275	47.1152	-67.4365	0	0	2	6.0	19.0	21.0	310.0	1.01	8.0	12.0	.5	2.0		16.0	
82	7714276	47.1136	-67.4377	0	0	2	11.0	28.0	118.0	2300.0	2.42	21.0	49.0	1.0	2.0	2.5	24.0	
82	7714277	47.1100	-67.4390	0	0	2	10.0	19.0	94.0	1900.0	2.28	18.0	43.0	1.0	2.0		20.0	
82	7714278	47.1080	-67.4400	0	0	2	31.0	33.0	85.0	3100.0	2.06	15.0	43.0	1.0	2.0		20.0	
82	7714279	47.1052	-67.4427	0	0	2	32.0	31.0	90.0	2700.0	2.43	16.0	45.0	1.0	2.0	7.2	24.0	
82	7714280	47.0998	-67.4688	0	0	1	25.0	25.0	103.0	2300.0	2.12	14.0	45.0	1.0	2.0		20.0	
82	7714281	47.1020	-67.4695	0	0	1	25.0	22.0	76.0	1100.0	2.41	16.0	48.0	1.0	2.0		20.0	
82	7714282	47.1035	-67.4710	0	0	1	20.0	25.0	100.0	1100.0	2.18	15.0	43.0	1.0	2.0	4.7	24.0	
82	7714283	47.1055	-67.4727	0	0	1	17.0	22.0	76.0	720.0	2.13	14.0	44.0	1.0	2.0		24.0	
82	7714284	47.1077	-67.4725	0	0	1	17.0	22.0	89.0	2000.0	2.05	15.0	42.0	1.0	2.0		24.0	
82	7714285	47.1094	-67.4760	0	0	1	8.0	17.0	55.0	950.0	1.69	11.0	33.0	.5	2.0	2.1	24.0	
82	7714286	47.1085	-67.4827	0	0	1	11.0	10.0	68.0	1200.0	2.13	15.0	44.0	.5	2.0		20.0	
82	7714287	47.0230	-67.3750	0	0	1	11.0	27.0	93.0	2100.0	2.21	18.0	41.0	1.0	2.0		4.0	
82	7714288	47.0202	-67.3786	0	0	1	12.0	21.0	62.0	1900.0	2.11	18.0	38.0	1.0	2.0		8.0	
82	7714289	47.0176	-67.3818	0	0	1	9.0	33.0	84.0	1200.0	2.06	16.0	37.0	1.0	2.0	4.0	8.0	
82	7714290	47.0112	-67.3955	0	0	1	9.0	27.0	99.0	670.0	2.01	17.0	44.0	1.0	2.0		8.0	
82	7714291	47.0132	-67.3989	0	0	1	14.0	24.0	95.0	860.0	2.02	16.0	46.0	1.0	2.0		12.0	
82	7714292	47.0150	-67.4010	0	0	1	20.0	36.0	103.0	1800.0	1.58	14.0	36.0	1.0	2.0	6.5	8.0	
82	7714293	47.0125	-67.4021	0	0	1	11.0	27.0	83.0	910.0	1.78	16.0	35.0	1.0	2.0		8.0	
82	7714294	47.0115	-67.4065	0	0	1	8.0	24.0	72.0	720.0	1.51	13.0	34.0	1.0	2.0		8.0	
82	7714295	47.0572	-67.3817	0	0	1	14.0	27.0	92.0	650.0	1.91	15.0	44.0	1.0	2.0		12.0	
82	7714296	47.0595	-67.3845	0	0	1	12.0	24.0	82.0	810.0	1.75	13.0	39.0	1.0	2.0	4.5	16.0	
82	7714297	47.0587	-67.3876	0	0	1	13.0	30.0	122.0	1800.0	1.44	12.0	37.0	1.0	2.0		8.0	
82	7714298	47.0577	-67.3890	0	0	1	17.0	37.0	141.0	2200.0	1.75	15.0	44.0	1.0	2.0		16.0	
82	7714299	47.0575	-67.3907	0	0	1	18.0	43.0	160.0	2900.0	1.90	17.0	48.0	1.0	2.0	6.5	12.0	
82	7714300	47.0558	-67.3922	0	0	1	14.0	37.0	181.0	3500.0	1.75	17.0	44.0	1.0	2.0		12.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7714 21 O/3D

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7714301	47.0604	-67.3886	0	0	1	16.0	40.0	101.0	1200.0	2.09	17.0	44.0	1.0	2.0		16.0	
82	7714302	47.0617	-67.3910	0	0	1	18.0	40.0	114.0	1700.0	2.37	20.0	51.0	1.5	2.0	4.8	12.0	
82	7714303	47.0626	-67.3936	0	0	1	18.0	43.0	117.0	1800.0	2.47	21.0	53.0	1.5	2.0		12.0	
82	7714304	47.0630	-67.3960	0	0	1	13.0	43.0	98.0	2400.0	2.71	24.0	49.0	1.0	2.0		12.0	
82	7714305	47.0638	-67.3995	0	0	1	11.0	37.0	77.0	1500.0	1.87	16.0	37.0	1.0	2.0	3.5	12.0	
82	7714306	47.0654	-67.4012	0	0	1	10.0	37.0	69.0	1400.0	1.58	17.0	30.0	1.0	2.0		16.0	
82	7714307	47.0668	-67.4035	0	0	1	8.0	24.0	61.0	510.0	1.34	13.0	29.0	1.0	2.0		16.0	
82	7714308	47.0641	-67.3758	0	0	1	11.0	24.0	72.0	970.0	1.96	16.0	42.0	1.0	2.0	2.7	12.0	
82	7714309	47.0177	-67.4205	0	0	1	11.0	37.0	64.0	910.0	1.17	13.0	26.0	1.0	2.0	2.7	12.0	
82	7714310	47.0200	-67.4225	0	0	1	8.0	21.0	59.0	860.0	1.41	13.0	28.0	1.0	2.0		8.0	
82	7714311	47.0217	-67.4255	0	0	1	10.0	30.0	66.0	1300.0	1.82	18.0	28.0	1.0	2.0		8.0	
82	7714312	47.0238	-67.4265	0	0	1	9.0	24.0	77.0	380.0	1.93	14.0	39.0	1.0	2.0		8.0	
82	7714313	47.0261	-67.4275	0	0	1	16.0	43.0	83.0	890.0	1.09	14.0	30.0	2.0	2.0		8.0	
82	7714314	47.0245	-67.4412	0	0	1	9.0	37.0	45.0	650.0	.54	11.0	16.0	1.0	2.0	1.0	12.0	
82	7714315	47.0226	-67.4406	0	0	1	5.0	27.0	32.0	440.0	.71	8.0	14.0	.5	2.0		8.0	
82	7714316	47.0212	-67.4385	0	0	1	4.0	24.0	37.0	520.0	.97	10.0	18.0	.5	2.0		8.0	
82	7714317	47.0195	-67.4360	0	0	1	7.0	30.0	46.0	320.0	1.01	9.0	21.0	1.0	2.0	1.2	12.0	
82	7714318	47.0170	-67.4335	0	0	1	3.0	12.0	32.0	260.0	.59	7.0	13.0	.5	2.0		8.0	
82	7714319	47.0158	-67.4293	0	0	1	11.0	21.0	59.0	310.0	1.69	14.0	35.0	1.0	2.0		8.0	
82	7714320	47.0143	-67.4273	0	0	1	6.0	18.0	53.0	630.0	1.51	14.0	30.0	1.0	2.0	1.7	8.0	
82	7714321	47.0135	-67.4250	0	0	1	5.0	21.0	51.0	1100.0	1.98	17.0	33.0	1.0	2.0		4.0	
82	7714322	47.0119	-67.4215	0	0	1	7.0	24.0	72.0	1100.0	1.57	15.0	30.0	1.0	2.0		2.0	
82	7714323	47.0107	-67.4170	0	0	1	8.0	35.0	91.0	2500.0	2.13	22.0	32.0	1.0	2.0	2.1	8.0	
82	7714324	47.0088	-67.4145	0	0	1	9.0	28.0	72.0	920.0	1.57	16.0	30.0	1.0	2.0		8.0	
82	7714325	47.0100	-67.4078	0	0	1	9.0	27.0	85.0	1100.0	1.68	17.0	27.0	1.0	2.0		4.0	
82	7714326	47.0084	-67.4113	0	0	1	17.0	24.0	84.0	1500.0	2.06	17.0	44.0	1.0	2.0	5.8	8.0	
82	7714327	47.0070	-67.4130	0	0	1	13.0	28.0	73.0	1800.0	1.64	16.0	42.0	1.0	2.0		8.0	
82	7714328	47.0048	-67.4137	0	0	1	12.0	28.0	91.0	2000.0	1.88	17.0	51.0	1.0	2.0		4.0	
82	7714329	47.0027	-67.4112	0	0	1	14.0	31.0	96.0	2500.0	2.26	18.0	50.0	1.0	2.0	6.8	8.0	
82	7714330	47.0127	-67.4206	0	0	1	12.0	38.0	97.0	2300.0	1.63	16.0	28.0	1.0	2.0		4.0	
82	7714331	47.0149	-67.4210	0	0	1	10.0	35.0	84.0	1200.0	1.86	17.0	33.0	1.0	2.0		8.0	
82	7714332	47.0269	-67.4170	0	0	1	8.0	24.0	87.0	1800.0	2.31	22.0	42.0	1.0	2.0		8.0	
82	7714333	47.0254	-67.4137	0	0	1	10.0	28.0	87.0	1400.0	2.26	19.0	40.0	1.0	2.0	3.1	12.0	
82	7714334	47.0245	-67.4110	0	0	1	10.0	31.0	95.0	1800.0	2.38	21.0	43.0	1.0	2.0		12.0	
82	7714335	47.0255	-67.4072	0	0	1	8.0	28.0	82.0	1400.0	2.26	18.0	37.0	1.0	2.0		4.0	
82	7714336	47.0262	-67.4030	0	0	1	11.0	31.0	85.0	1300.0	2.64	21.0	46.0	1.0	2.0	3.6	12.0	
82	7714337	47.0103	-67.3940	0	0	1	23.0	28.0	125.0	1200.0	3.01	26.0	68.0	1.0	2.0		8.0	
82	7714338	47.0082	-67.3985	0	0	1	28.0	31.0	125.0	1600.0	3.38	29.0	76.0	1.0	2.0		4.0	
82	7714339	47.0045	-67.3809	0	0	1	11.0	24.0	73.0	610.0	2.10	18.0	44.0	1.0	2.0	4.5	4.0	
82	7714340	47.0025	-67.3792	0	0	1	11.0	24.0	78.0	1100.0	1.86	15.0	36.0	1.0	2.0		4.0	
82	7714341	47.0006	-67.3770	0	0	1	13.0	31.0	107.0	1700.0	2.02	18.0	44.0	1.0	2.0		8.0	
82	7714342	47.0960	-67.4930	0	0	2	10.0	21.0	68.0	360.0	2.06	14.0	39.0	.5	2.0		16.0	
82	7714343	47.0990	-67.4970	0	0	2	9.0	17.0	82.0	1200.0	2.18	16.0	39.0	.5	2.0		8.0	
82	7714344	47.0977	-67.4997	0	0	2	11.0	17.0	65.0	1400.0	2.14	14.0	40.0	1.0	2.0	4.8	8.0	
82	7714345	47.0985	-67.4955	0	0	2	8.0	17.0	67.0	570.0	1.94	14.0	37.0	1.0	2.0		4.0	
82	7714346	47.0985	-67.4912	0	0	2	15.0	25.0	99.0	1800.0	2.60	18.0	52.0	1.0	2.0		8.0	
82	7714347	47.0995	-67.4940	0	0	2	14.0	21.0	83.0	450.0	2.01	14.0	47.0	1.0	2.0	3.0	8.0	
82	7714348	47.1002	-67.4260	0	0	2	13.0	25.0	60.0	1200.0	1.92	10.0	28.0	1.0	2.0		12.0	
82	7714349	47.1017	-67.4970	0	0	2	11.0	21.0	85.0	1300.0	2.35	17.0	46.0	1.0	2.0		12.0	
82	7714350	47.1037	-67.4993	0	0	2	10.0	21.0	77.0	1400.0	2.34	15.0	41.0	1.0	2.0	2.3	8.0	

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MAP SHEET 7714 21 O/3D

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7714351	47.1054	-67.4992	0	0	2	10.0	20.0	77.0	1300.0	2.20	16.0	42.0	.5	2.0		8.0	
82	7714352	47.1071	-67.4983	0	0	2	10.0	20.0	83.0	1000.0	2.36	17.0	45.0	1.0	2.0		8.0	
82	7714353	47.1089	-67.4982	0	0	2	10.0	18.0	72.0	1000.0	2.05	13.0	36.0	.5	2.0	2.1	4.0	
82	7714354	47.1100	-67.5000	0	0	2	9.0	17.0	79.0	880.0	2.25	16.0	43.0	1.0	2.0		4.0	
82	7714355	47.1105	-67.4725	0	0	1	10.0	20.0	71.0	1900.0	2.09	16.0	41.0	1.0	2.0		12.0	
82	7714356	47.1110	-67.4700	0	0	1	11.0	20.0	54.0	360.0	1.81	12.0	40.0	1.0	2.0		14.0	
82	7714357	47.1126	-67.4658	0	0	1	9.0	20.0	74.0	680.0	2.22	16.0	41.0	.5	2.0	3.0	8.0	
82	7714358	47.1112	-67.4820	0	0	1	9.0	17.0	71.0	660.0	2.26	16.0	42.0	1.0	2.0		8.0	
82	7714359	47.1100	-67.4582	0	0	1	6.0	20.0	72.0	1100.0	2.66	19.0	45.0	1.0	2.0		12.0	
82	7714360	47.1095	-67.4534	0	0	2	10.0	20.0	79.0	660.0	2.41	18.0	45.0	1.0	2.0	2.5	12.0	
82	7714361	47.1090	-67.4498	0	0	2	9.0	17.0	71.0	1000.0	2.21	16.0	40.0	.5	2.0		8.0	
82	7714362	47.1070	-67.4486	0	0	2	9.0	17.0	72.0	360.0	1.71	13.0	36.0	.5	2.0		8.0	
82	7714363	47.1059	-67.4460	0	0	2	7.0	14.0	58.0	890.0	1.77	13.0	34.0	.5	2.0	2.0	12.0	
82	7714364	47.1045	-67.4455	0	0	1	7.0	14.0	54.0	580.0	1.66	12.0	31.0	.5	2.0		8.0	
82	7714365	47.1032	-67.4415	0	0	1	11.0	17.0	75.0	280.0	2.09	16.0	42.0	1.0	2.0		12.0	
82	7714366	47.1015	-67.4392	0	0	1	9.0	14.0	66.0	480.0	1.95	15.0	37.0	1.0	2.0	2.2	8.0	
82	7714367	47.0985	-67.4382	0	0	1	10.0	20.0	71.0	670.0	2.25	16.0	43.0	1.0	2.0		12.0	
82	7714368	47.0487	-67.4832	0	0	2	9.0	23.0	75.0	550.0	2.06	18.0	36.0	1.0	2.0		12.0	
82	7714369	47.0480	-67.4799	0	0	2	6.0	23.0	72.0	380.0	2.00	17.0	36.0	.5	2.0	2.0	8.0	
82	7714370	47.0470	-67.4765	0	0	2	7.0	20.0	82.0	590.0	2.08	18.0	37.0	1.0	2.0		4.0	
82	7714371	47.0458	-67.4730	0	0	2	8.0	23.0	87.0	1600.0	2.20	21.0	38.0	1.0	2.0	2.1	12.0	
82	7714372	47.0448	-67.4695	0	0	2	9.0	25.0	99.0	1600.0	2.28	22.0	40.0	1.0	2.0		4.0	
82	7714373	47.0460	-67.4668	0	0	2	7.0	23.0	79.0	1100.0	1.90	19.0	32.0	.5	2.0		8.0	
82	7714374	47.0477	-67.4642	0	0	2	9.0	20.0	67.0	1300.0	1.77	18.0	33.0	.5	2.0	4.0	12.0	
82	7714375	47.0495	-67.4628	0	0	2	6.0	20.0	93.0	1700.0	2.28	23.0	40.0	.5	2.0		12.0	
82	7714376	47.0515	-67.4630	0	0	2	10.0	31.0	114.0	3400.0	2.66	29.0	47.0	1.0	2.0		12.0	
82	7714377	47.0530	-67.4627	0	0	2	10.0	25.0	99.0	890.0	2.08	22.0	38.0	1.0	2.0	3.2	8.0	
82	7714378	47.0530	-67.4645	0	0	2	7.0	37.0	67.0	2800.0	2.09	35.0	31.0	.5	2.0		8.0	
82	7714379	47.0555	-67.4670	0	0	2	6.0	14.0	34.0	100.0	1.25	9.0	23.0	.5	2.0		8.0	
82	7714380	47.0595	-67.4689	0	0	2	9.0	23.0	35.0	500.0	.79	13.0	20.0	1.0	2.0	3.0	8.0	
82	7714381	47.0604	-67.4737	0	0	2	12.0	23.0	29.0	330.0	.82	9.0	23.0	1.0	2.0		12.0	
82	7714382	47.0467	-67.4615	0	0	2	7.0	30.0	98.0	2100.0	1.96	23.0	38.0	1.0	2.0		12.0	
82	7714383	47.0470	-67.4570	0	0	2	10.0	23.0	72.0	650.0	2.26	20.0	36.0	1.0	2.0	2.0	8.0	
82	7714384	47.0453	-67.4540	0	0	2	10.0	23.0	109.0	620.0	2.00	16.0	43.0	1.0	2.0		8.0	
82	7714385	47.0435	-67.4535	0	0	2	8.0	20.0	99.0	910.0	1.90	14.0	36.0	1.0	2.0		12.0	
82	7714386	47.0472	-67.4523	0	0	2	6.0	25.0	56.0	360.0	1.36	14.0	25.0	.5	2.0	1.8	8.0	
82	7714387	47.0480	-67.4495	0	0	2	6.0	20.0	50.0	160.0	1.17	9.0	23.0	.5	2.0		12.0	
82	7714388	47.0485	-67.4478	0	0	2	8.0	20.0	46.0	240.0	1.51	11.0	30.0	.5	2.0		12.0	
82	7714389	47.0472	-67.4445	0	0	2	12.0	31.0	88.0	890.0	2.60	19.0	45.0	1.0	2.0	2.6	8.0	
82	7714389	47.0472	-67.4445	0	0	2	12.0	31.0	88.0	890.0	2.60	19.0	45.0	1.0	2.0	2.6	8.0	

21 O/3D

1. STATISTICS 1

****
* COPPER *
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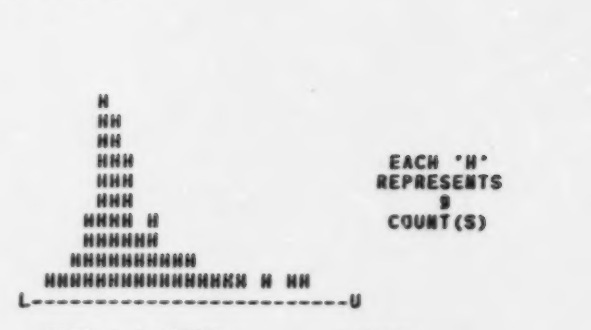
VARIABLE NUMBER	2	MAXIMUM	32.0000000
NUMBER OF DISTINCT VALUES .	27	MINIMUM	3.0000000
NUMBER OF VALUES COUNTED. .	389	RANGE	29.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	20.9205933
		ST.DEV.	4.5739050
		(Q3-Q1)/2	2.0000000
		MX.ST.SC.	4.48
		MN.ST.SC.	-1.86

LOCATION ESTIMATES

		ST.ERROR
MEAN	11.5089970	0.2319062
MEDIAN	10.0000000	0.0
MODE	10.0000000	



EACH '-' ABOVE = 1.5000
L= 0.0
U= 37.5000
CASE NO. OF MIN. VAL. = 318
CASE NO. OF MAX. VAL. = 139

	VALUE	VALUE/S.E.
SKEWNESS	1.67	13.47
KURTOSIS	3.75	15.10

Q1= 9.0000000
Q3= 13.0000000
S-= 6.9350920
S+= 16.0829010

EACH '.' BELOW = 0.2500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
3.	1	0.3	0.3	10.	76	19.5	65.3	17.	12	3.1	90.7	24.	2	0.5	97.4
4.	2	0.5	0.8	11.	31	8.0	63.2	18.	8	2.1	92.8	25.	4	1.0	98.5
5.	3	0.8	1.5	12.	29	7.5	70.7	19.	5	1.3	94.1	28.	2	0.5	99.0
6.	15	3.9	5.4	13.	20	5.1	75.8	20.	2	0.5	94.6	30.	1	0.3	99.2
7.	31	8.0	13.4	14.	21	5.4	81.2	21.	6	1.5	96.1	31.	1	0.3	99.5
8.	36	9.3	22.6	15.	12	3.1	84.3	22.	1	0.3	96.4	32.	2	0.5	100.0
9.	51	13.1	35.7	16.	13	3.3	87.7	23.	2	0.5	96.9				

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* LEAD *
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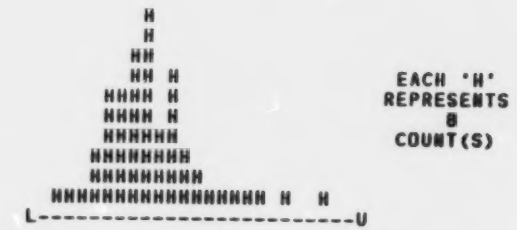
VARIABLE NUMBER	3	MAXIMUM	61.0000000
NUMBER OF DISTINCT VALUES .	36	MINIMUM	10.0000000
NUMBER OF VALUES COUNTED. .	389	RANGE	51.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	45.4434814
		ST.DEV.	6.7411785
		(Q3-Q1)/2	4.0000000
		MX.ST.SC.	5.16
		MN.ST.SC.	-2.40

LOCATION ESTIMATES

		ST.ERROR
MEAN	26.2082214	0.3417913
MEDIAN	25.0000000	0.8660258
MODE	NOT UNIQUE	

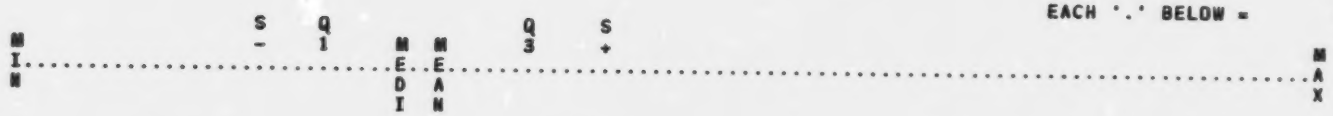


EACH '-' ABOVE = 2.5000
L= 5.0000
U= 67.5000
CASE NO. OF MIN. VAL. = 286
CASE NO. OF MAX. VAL. = 107

	VALUE	VALUE/S.E.
SKEWNESS	1.07	8.65
KURTOSIS	2.53	10.18

Q1= 22.0000000
Q3= 30.0000000
S-= 19.4670410
S+= 32.9493866

EACH '.' BELOW = 0.5000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
10.	1	0.3	0.3	21.	21	5.4	24.4	31.	34	8.7	86.1	40.	5	1.3	96.7
12.	1	0.3	0.5	22.	20	5.1	29.6	32.	1	0.3	85.3	41.	1	0.3	96.9
14.	5	1.3	1.8	23.	14	3.6	33.2	33.	12	3.1	88.4	43.	5	1.3	98.2
15.	2	0.5	2.3	24.	50	12.9	46.0	34.	7	1.8	90.2	44.	2	0.5	98.7
16.	1	0.3	2.6	25.	29	7.5	53.5	35.	2	0.5	90.7	47.	1	0.3	99.0
17.	16	4.1	6.7	27.	50	12.9	66.3	36.	5	1.3	92.0	48.	1	0.3	99.2
18.	15	3.9	10.5	28.	24	6.2	72.5	37.	9	2.3	94.3	49.	1	0.3	99.5
19.	4	1.0	11.6	29.	1	0.3	72.8	38.	2	0.5	94.9	54.	1	0.3	99.7
20.	29	7.5	19.0	30.	14	3.6	76.3	39.	2	0.5	95.4	61.	1	0.3	100.0

****
* ZINC *
****

VARIABLE NUMBER	4	MAXIMUM	181.0000000
NUMBER OF DISTINCT VALUES .	103	MINIMUM	18.0000000
NUMBER OF VALUES COUNTED. .	389	RANGE	163.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	575.4536133
		ST.DEV.	23.9886169
		(Q3-Q1)/2	15.0000000
		MX.ST.SC.	4.06
		MN.ST.SC.	-2.74

LOCATION ESTIMATES

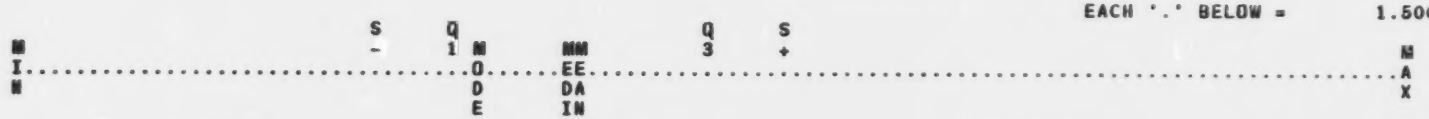
		ST.ERROR
MEAN	83.2457489	1.2162704
MEDIAN	83.0000000	1.1547003
MODE	72.0000000	

EACH '-' ABOVE = 7.5000
L= 7.5000
U= 194.9999
CASE NO. OF MIN. VAL. = 15
CASE NO. OF MAX. VAL. = 300

	VALUE	VALUE/S.E.
SKEWNESS	0.44	3.57
KURTOSIS	1.16	4.68

Q1= 69.0000000
Q3= 99.0000000
S-= 59.8571320
S+= 107.8343658

EACH '.' BELOW = 1.5000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
18.	1	0.3	0.3	59.	4	1.0	13.4	85.	10	2.6	56.3	111.	3	0.8	89.2
21.	1	0.3	0.5	60.	6	1.5	14.9	86.	9	2.3	58.6	112.	2	0.5	89.7
22.	1	0.3	0.8	61.	3	0.8	15.7	87.	6	1.5	60.2	113.	1	0.3	90.0
29.	1	0.3	1.0	62.	6	1.5	17.2	88.	9	2.3	62.5	114.	4	1.0	91.0
31.	1	0.3	1.3	63.	1	0.3	17.5	89.	6	1.5	64.0	116.	2	0.5	91.5
32.	2	0.5	1.8	64.	4	1.0	18.5	90.	2	0.5	64.5	117.	2	0.5	92.0
34.	1	0.3	2.1	65.	7	1.8	20.3	91.	5	1.3	65.8	118.	5	1.3	93.3
35.	1	0.3	2.3	66.	3	0.8	21.1	92.	4	1.0	66.8	121.	2	0.5	93.8
37.	2	0.5	2.8	67.	9	2.3	23.4	93.	6	1.5	68.4	122.	2	0.5	94.3
38.	1	0.3	3.1	68.	4	1.0	24.4	94.	7	1.8	70.2	124.	1	0.3	94.6
39.	1	0.3	3.3	69.	5	1.3	25.7	95.	7	1.8	72.0	125.	4	1.0	95.6
42.	1	0.3	3.6	70.	4	1.0	26.7	96.	1	0.3	72.2	126.	1	0.3	95.9
43.	1	0.3	3.9	71.	6	1.5	28.3	97.	4	1.0	73.3	127.	1	0.3	96.1
44.	1	0.3	4.1	72.	14	3.6	31.9	98.	6	1.5	74.8	129.	1	0.3	96.4
45.	2	0.5	4.6	73.	8	2.1	33.9	99.	11	2.8	77.6	131.	2	0.5	96.9
46.	2	0.5	5.1	74.	6	1.5	35.5	100.	7	1.8	79.4	132.	1	0.3	97.2
48.	1	0.3	5.4	75.	4	1.0	36.5	101.	5	1.3	80.7	137.	3	0.8	97.9
50.	2	0.5	5.9	76.	6	1.5	38.0	102.	4	1.0	81.7	141.	1	0.3	98.2
51.	2	0.5	6.4	77.	8	2.1	40.1	103.	6	1.5	83.3	146.	1	0.3	98.5
52.	2	0.5	6.9	78.	10	2.6	42.7	104.	2	0.5	83.8	149.	1	0.3	98.7
53.	6	1.5	8.5	79.	5	1.3	44.0	105.	1	0.3	84.1	155.	1	0.3	99.0
54.	3	0.8	9.3	80.	6	1.5	45.5	106.	6	1.5	85.6	157.	1	0.3	99.2
55.	6	1.5	10.8	81.	1	0.3	45.8	107.	4	1.0	86.6	160.	1	0.3	99.5

56.	1	0.3	11.1		82.	8	2.1	47.8		108.	4	1.0	87.7		170.	1	0.3	99.7
57.	3	0.8	11.8		83.	12	3.1	50.9		109.	1	0.3	87.9		181.	1	0.3	100.0
58.	2	0.5	12.3		84.	11	2.8	53.7		110.	2	0.5	88.4					

****
* MANGANES *
****

VARIABLE NUMBER	5	MAXIMUM	22100.0000000
NUMBER OF DISTINCT VALUES .	112	MINIMUM	80.0000000
NUMBER OF VALUES COUNTED. .	389	RANGE	22020.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	2245808.0000000
		ST.DEV.	1498.6020508
		(Q3-Q1)/2	575.0000000
		MX.ST.SC.	13.79
		MN.ST.SC.	-0.91

LOCATION ESTIMATES

		ST.ERROR
MEAN	1438.1232910	75.9821320
MEDIAN	1100.0000000	57.7350464
MODE	1100.0000000	

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H
H
H
HH                          EACH 'H'
HH                         REPRESENTS
HH                              19
HH                         COUNT(S)
HHH
HHH
HHHHHHHHH            H
L------------------------U
```

EACH '-' ABOVE = 1000.0000
L= 0.0
U= 25000.0000
CASE NO. OF MIN. VAL. = 273
CASE NO. OF MAX. VAL. = 102

	VALUE	VALUE/S.E.
SKEWNESS	7.38	59.41
KURTOSIS	91.84	369.76

Q1= 650.0000000
Q3= 1800.0000000
S-= -60.4787598
S+= 2936.7253418

EACH '.' BELOW = 200.0000

```
S   Q     Q     S                                                                M
-M  1 M M3      +                                                                A
.I....E.E.....................................................................A
 N    D A                                                                      X
      I N
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VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
80.	1	0.3	0.3	480.	4	1.0	14.9	810.	5	1.3	36.5	2300.	7	1.8	86.1
100.	1	0.3	0.5	500.	1	0.3	15.2	820.	1	0.3	36.8	2400.	4	1.0	87.1
110.	1	0.3	0.8	510.	1	0.3	15.4	840.	1	0.3	37.0	2500.	6	1.5	88.7
130.	1	0.3	1.0	520.	4	1.0	16.5	860.	4	1.0	38.0	2700.	5	1.3	90.0
160.	1	0.3	1.3	530.	3	0.8	17.2	880.	3	0.8	38.8	2800.	2	0.5	90.5
220.	1	0.3	1.5	540.	2	0.5	17.7	890.	6	1.5	40.4	2900.	3	0.8	91.3
240.	1	0.3	1.8	550.	4	1.0	18.8	900.	1	0.3	40.6	3000.	2	0.5	91.8
250.	1	0.3	2.1	560.	2	0.5	19.3	910.	5	1.3	41.9	3100.	5	1.3	93.1
260.	3	0.8	2.8	570.	4	1.0	20.3	920.	2	0.5	42.4	3200.	3	0.8	93.8
270.	1	0.3	3.1	580.	2	0.5	20.8	940.	1	0.3	42.7	3300.	2	0.5	94.3
280.	1	0.3	3.3	590.	3	0.8	21.6	950.	2	0.5	43.2	3400.	1	0.3	94.6
290.	3	0.8	4.1	600.	2	0.5	22.1	960.	3	0.8	44.0	3500.	1	0.3	94.9
300.	2	0.5	4.6	610.	3	0.8	22.9	970.	3	0.8	44.7	3600.	1	0.3	95.1
310.	3	0.8	5.4	620.	3	0.8	23.7	980.	1	0.3	45.0	3700.	1	0.3	95.4
320.	2	0.5	5.9	630.	3	0.8	24.4	990.	2	0.5	45.5	3800.	4	1.0	96.4
330.	1	0.3	6.2	650.	4	1.0	25.4	1000.	8	2.1	47.6	4000.	1	0.3	96.7
340.	1	0.3	6.4	660.	3	0.8	26.2	1100.	21	5.4	53.0	4300.	1	0.3	96.9
350.	2	0.5	6.9	670.	6	1.5	27.8	1200.	17	4.4	57.3	4400.	1	0.3	97.2
360.	5	1.3	8.2	680.	5	1.3	29.0	1300.	12	3.1	60.4	4600.	1	0.3	97.4
370.	1	0.3	8.5	720.	3	0.8	29.8	1400.	15	3.9	64.3	4700.	1	0.3	97.7
380.	3	0.8	9.3	730.	2	0.5	30.3	1500.	8	2.1	66.3	4800.	1	0.3	97.9
390.	1	0.3	9.5	740.	1	0.3	30.6	1600.	11	2.8	69.2	4900.	1	0.3	98.2
400.	3	0.8	10.3	750.	2	0.5	31.1	1700.	19	4.9	74.0	5100.	2	0.5	98.7

410.	1	0.3	10.5	760.	4	1.0	32.1	1800.	16	4.1	78.1	5500.	1	0.3	99.0
420.	2	0.5	11.1	770.	4	1.0	33.2	1900.	7	1.8	79.9	5700.	1	0.3	99.2
440.	5	1.3	12.3	780.	1	0.3	33.4	2000.	7	1.8	81.7	6400.	1	0.3	99.5
450.	5	1.3	13.6	790.	3	0.8	34.2	2100.	5	1.3	83.0	7200.	1	0.3	99.7
470.	1	0.3	13.9	800.	4	1.0	35.2	2200.	5	1.3	84.3	22100.	1	0.3	100.0

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*************
* IRONPCNT *
*************
                                                 MAXIMUM        3.9099998
                                                 MINIMUM        0.3500000
                                                 RANGE          3.5599995                        H
VARIABLE NUMBER . . . . . .        6             VARIANCE       0.2715688                       HHH
NUMBER OF DISTINCT VALUES .      165             ST.DEV.        0.5212186                       HHH
NUMBER OF VALUES COUNTED. .      389             (Q3-Q1)/2      0.3000002                       HHHH         EACH 'H'
NUMBER OF VALUES NOT COUNTED       0             MX.ST.SC.      3.35                           HHHHH        REPRESENTS
                                                 MN.ST.SC.     -3.48                          HHHHHHH           6
                                                                                               HHHHHHHH         COUNT(S)
LOCATION ESTIMATES                                      ST.ERROR                               HHHHHHHHH
                      MEAN             2.1630535      0.0264268                                HHHHHHHHHHH
                      MEDIAN           2.1799994      0.0259808                        HHHHHHHHHHHHHHHHHHHHHH  H
                      MODE            NOT UNIQUE                                       L-------------------------U

                                                                                       EACH '-' ABOVE =      0.1500
                                                                                                    L=      0.3000
                                                                                                    U=      4.0500
                                                                                  CASE NO. OF MIN. VAL. =  242
                                                                                  CASE NO. OF MAX. VAL. =  198

                                                                                                         Q1=   1.8899994
                                                                           VALUE    VALUE/S.E.          Q3=   2.4899998
                                                            SKEWNESS       -0.37         -2.95          S-=   1.6418343
                                                            KURTOSIS        1.11          4.46          S+=   2.6842718

                                                                                  EACH '.' BELOW =       0.0300

                                              S      Q               M           Q      S                                       M
M                                             -      1               E           3      +                                       A
I....................................................................A..............................................................X
N                                                                    N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.3500	1	0.3	0.3	1.7300	1	0.3	17.0	2.1800	2	0.5	50.1	2.6600	1	0.3	85.8
0.5100	1	0.3	0.5	1.7500	3	0.8	17.7	2.1900	5	1.3	51.4	2.6700	2	0.5	86.1
0.5400	1	0.3	0.8	1.7600	3	0.8	18.5	2.2000	3	0.8	52.2	2.6800	1	0.3	86.4
0.5500	1	0.3	1.0	1.7700	1	0.3	18.8	2.2100	5	1.3	53.5	2.7000	2	0.5	86.9
0.6000	1	0.3	1.3	1.7800	3	0.8	19.5	2.2200	6	1.5	55.0	2.7100	1	0.3	87.1
0.7200	1	0.3	1.5	1.7900	1	0.3	19.8	2.2300	4	1.0	56.0	2.7200	4	1.0	88.2
0.8000	1	0.3	1.8	1.8000	1	0.3	20.1	2.2400	1	0.3	56.3	2.7300	1	0.3	88.4
0.8300	1	0.3	2.1	1.8100	2	0.5	20.6	2.2500	3	0.8	57.1	2.7500	4	1.0	89.5
0.8500	1	0.3	2.3	1.8200	3	0.8	21.3	2.2600	3	0.8	57.8	2.7600	1	0.3	89.7
0.9200	1	0.3	2.6	1.8300	1	0.3	21.6	2.2700	6	1.5	59.4	2.7700	1	0.3	90.0
0.9800	1	0.3	2.8	1.8400	3	0.8	22.4	2.2800	4	1.0	60.4	2.7800	2	0.5	90.5
1.0200	2	0.5	3.3	1.8500	1	0.3	22.6	2.2900	6	1.5	62.0	2.7900	3	0.8	91.3
1.0500	1	0.3	3.6	1.8600	2	0.5	23.1	2.3000	1	0.3	62.2	2.8000	1	0.3	91.5
1.1000	1	0.3	3.9	1.8700	1	0.3	23.4	2.3100	4	1.0	63.2	2.8300	1	0.3	91.8
1.1100	1	0.3	4.1	1.8800	4	1.0	24.4	2.3200	4	1.0	64.3	2.8400	1	0.3	92.0
1.1200	1	0.3	4.4	1.8900	4	1.0	25.4	2.3400	4	1.0	65.3	2.8500	1	0.3	92.3
1.1400	1	0.3	4.6	1.9100	5	1.3	26.7	2.3500	5	1.3	66.6	2.8600	1	0.3	92.5
1.1600	2	0.5	5.1	1.9200	1	0.3	27.0	2.3600	3	0.8	67.4	2.8900	2	0.5	93.1
1.2400	1	0.3	5.4	1.9300	4	1.0	28.0	2.3700	4	1.0	68.4	2.9000	2	0.5	93.6
1.2500	1	0.3	5.7	1.9400	3	0.8	28.8	2.3800	3	0.8	69.2	2.9200	1	0.3	93.8
1.2800	3	0.8	6.4	1.9500	4	1.0	29.8	2.3900	2	0.5	69.7	2.9900	1	0.3	94.1
1.3500	1	0.3	6.7	1.9600	3	0.8	30.6	2.4100	1	0.3	69.9	3.0000	2	0.5	94.6
1.3700	1	0.3	6.9	1.9700	5	1.3	31.9	2.4200	5	1.3	71.2	3.0200	2	0.5	95.1

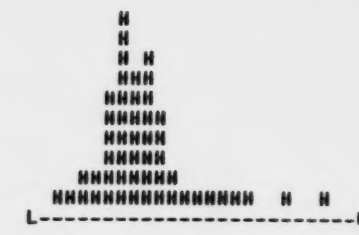
1.4000	1	0.3	7.2	1.9900	1	0.3	32.1	2.4300	6	1.5	72.8	3.0300	1	0.3	95.4
1.4200	1	0.3	7.5	2.0000	3	0.8	32.9	2.4400	4	1.0	73.8	3.0400	1	0.3	95.6
1.4500	1	0.3	7.7	2.0100	4	1.0	33.9	2.4600	2	0.5	74.3	3.0700	3	0.8	96.4
1.5000	2	0.5	8.2	2.0200	3	0.8	34.7	2.4800	2	0.5	74.8	3.0800	1	0.3	96.7
1.5100	1	0.3	8.5	2.0300	3	0.8	35.5	2.4900	7	1.8	76.6	3.1000	1	0.3	96.9
1.5200	4	1.0	9.5	2.0400	3	0.8	36.2	2.5100	5	1.3	77.9	3.1400	1	0.3	97.2
1.5400	1	0.3	9.8	2.0500	3	0.8	37.0	2.5200	1	0.3	78.1	3.1600	1	0.3	97.4
1.5800	4	1.0	10.8	2.0600	3	0.8	37.8	2.5300	3	0.8	78.9	3.1700	1	0.3	97.7
1.5900	2	0.5	11.3	2.0700	7	1.8	39.6	2.5400	2	0.5	79.4	3.1900	1	0.3	97.9
1.6300	2	0.5	11.8	2.0800	3	0.8	40.4	2.5500	3	0.8	80.2	3.2000	1	0.3	98.2
1.6400	2	0.5	12.3	2.0900	5	1.3	41.6	2.5600	3	0.8	81.0	3.3000	2	0.5	98.7
1.6500	2	0.5	12.9	2.1000	7	1.8	43.4	2.5700	4	1.0	82.0	3.3500	1	0.3	99.0
1.6600	2	0.5	13.4	2.1100	3	0.8	44.2	2.5800	4	1.0	83.0	3.3800	1	0.3	99.2
1.6700	1	0.3	13.6	2.1200	4	1.0	45.2	2.5900	1	0.3	83.3	3.3900	1	0.3	99.5
1.6800	1	0.3	13.9	2.1300	2	0.5	45.8	2.6000	1	0.3	83.5	3.5400	1	0.3	99.7
1.6900	3	0.8	14.7	2.1400	7	1.8	47.6	2.6100	2	0.5	84.1	3.9100	1	0.3	100.0
1.7000	3	0.8	15.4	2.1500	3	0.8	48.3	2.6300	1	0.3	84.3				
1.7100	2	0.5	15.9	2.1600	2	0.5	48.8	2.6400	2	0.5	84.8				
1.7200	3	0.8	16.7	2.1700	3	0.8	49.6	2.6500	2	0.5	85.3				

****
* COBALT *
****

VARIABLE NUMBER	7	MAXIMUM	46.0000000
NUMBER OF DISTINCT VALUES .	30	MINIMUM	5.0000000
NUMBER OF VALUES COUNTED. .	389	RANGE	41.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	23.9636230
		ST.DEV.	4.8982665
		(Q3-Q1)/2	2.0000000
		MX.ST.SC.	5.89
		MN.ST.SC.	-2.49

LOCATION ESTIMATES

		ST.ERROR
MEAN	17.1902313	0.2481998
MEDIAN	17.0000000	0.2886752
MODE	16.0000000	



EACH '-' ABOVE = 2.0000
L= 2.0000
U= 52.0000
CASE NO. OF MIN. VAL. = 239
CASE NO. OF MAX. VAL. = 267

	VALUE	VALUE/S.E.
SKEWNESS	1.41	11.33
KURTOSIS	5.63	22.65

Q1= 15.0000000
Q3= 19.0000000
S-= 12.2949648
S+= 22.0854950

EACH '.' BELOW = 0.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
5.	2	0.5	0.5	13.	19	4.9	15.7	21.	20	5.1	89.2	30.	2	0.5	97.9
6.	2	0.5	1.0	14.	31	8.0	23.7	22.	8	2.1	91.3	33.	2	0.5	98.5
7.	4	1.0	2.1	15.	27	6.9	30.6	23.	5	1.3	92.5	34.	2	0.5	99.0
8.	3	0.8	2.8	16.	59	15.2	45.8	24.	6	1.5	94.1	35.	2	0.5	99.5
9.	5	1.3	4.1	17.	55	14.1	59.9	26.	1	0.3	94.3	41.	1	0.3	99.7
10.	8	2.1	6.2	18.	53	13.6	73.5	26.	6	1.5	95.9	46.	1	0.3	100.0
11.	7	1.8	8.0	19.	17	4.4	77.9	27.	2	0.5	96.4				
12.	11	2.8	10.8	20.	24	6.2	84.1	29.	4	1.0	97.4				

****
* NICKEL *
****

VARIABLE NUMBER	8
NUMBER OF DISTINCT VALUES .	67
NUMBER OF VALUES COUNTED. .	389
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	131.0000000
MINIMUM	10.0000000
RANGE	121.0000000
VARIANCE	222.0935669
ST.DEV.	14.9028044
(Q3-Q1)/2	6.0000000
MX.ST.SC.	5.95
MN.ST.SC.	-2.17

LOCATION ESTIMATES

		ST.ERROR
MEAN	42.3341827	0.7556021
MEDIAN	41.0000000	0.5773506
MODE	40.0000000	

EACH '-' ABOVE = 5.0000
L= 10.0000
U= 134.9999

CASE NO. OF MIN. VAL. = 15
CASE NO. OF MAX. VAL. = 249

	VALUE	VALUE/S.E.
SKEWNESS	1.74	13.97
KURTOSIS	6.68	26.89

Q1= 35.0000000
Q3= 47.0000000
S-= 27.4313660
S+= 57.2369843

EACH '.' BELOW = 1.0000

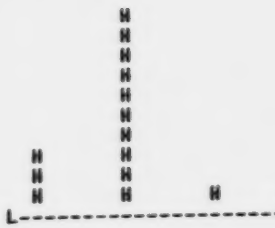
VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
10.	3	0.8	0.8	30.	9	2.3	16.7	47.	14	3.6	77.6	65.	2	0.5	94.3
11.	1	0.3	1.0	31.	5	1.3	18.0	48.	10	2.6	80.2	67.	2	0.5	94.9
12.	1	0.3	1.3	32.	8	2.1	20.1	49.	5	1.3	81.5	68.	1	0.3	95.1
13.	1	0.3	1.5	33.	11	2.8	22.9	50.	6	1.5	83.0	70.	2	0.5	95.6
14.	3	0.8	2.3	34.	6	1.5	24.4	51.	6	1.5	84.6	73.	1	0.3	95.9
16.	2	0.5	2.8	35.	13	3.3	27.8	52.	2	0.5	85.1	75.	3	0.8	96.7
17.	1	0.3	3.1	36.	19	4.9	32.6	53.	6	1.5	86.6	76.	1	0.3	96.9
18.	3	0.8	3.9	37.	16	4.1	36.8	54.	1	0.3	86.9	78.	1	0.3	97.2
20.	1	0.3	4.1	38.	11	2.8	39.6	55.	2	0.5	87.4	80.	1	0.3	97.4
21.	1	0.3	4.4	39.	16	4.1	43.7	56.	6	1.5	88.9	82.	1	0.3	97.7
23.	3	0.8	5.1	40.	20	5.1	48.8	57.	2	0.5	89.5	83.	3	0.8	98.5
24.	1	0.3	5.4	41.	11	2.8	51.7	58.	3	0.8	90.2	85.	1	0.3	98.7
25.	2	0.5	5.9	42.	18	4.6	56.3	59.	2	0.5	90.7	107.	1	0.3	99.0
26.	3	0.8	6.7	43.	18	4.6	60.9	60.	1	0.3	91.0	109.	1	0.3	99.2
27.	7	1.8	8.5	44.	18	4.6	65.6	61.	2	0.5	91.5	111.	2	0.5	99.7
28.	8	2.1	10.5	45.	17	4.4	69.9	62.	3	0.8	92.3	131.	1	0.3	100.0
29.	18	3.9	14.4	46.	16	4.1	74.0	63.	6	1.5	93.8				

****
* SILVER *
****

VARIABLE NUMBER	9	MAXIMUM	2.0000000
NUMBER OF DISTINCT VALUES .	4	MINIMUM	0.5000000
NUMBER OF VALUES COUNTED. .	389	RANGE	1.5000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0480977
		ST.DEV.	0.2193120
		(Q3-Q1)/2	0.0
		MX.ST.SC.	4.89
		MN.ST.SC.	-1.95

LOCATION ESTIMATES

		ST.ERROR
MEAN	0.9267352	0.0111196
MEDIAN	1.0000000	0.0
MODE	1.0000000	



EACH '-' ABOVE = 0.0750
L= 0.3750
U= 2.2500

CASE NO. OF MIN. VAL. = 4
CASE NO. OF MAX. VAL. = 107

	VALUE	VALUE/S.E.
SKEWNESS	-0.33	-2.69
KURTOSIS	3.30	13.30

Q1= 1.0000000
Q3= 1.0000000
S-= 0.7074232
S+= 1.1460466

EACH '.' BELOW = 0.0150

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.5000	68	17.5	17.5	1.0000	312	80.2	97.7	1.5000	7	1.8	99.5	2.0000	2	0.5	100.0

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PAGE  10  BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES  INCLUDES ALL SAMPLES FOR MAP SHEET  7714 21 O/3D

  ************
  * MOLYBDEN *                                  MAXIMUM          4.0000000
  ************                                  MINIMUM          2.0000000
                                                RANGE            2.0000000                    H
VARIABLE NUMBER . . . . . .        10          VARIANCE         0.0102828                    H
NUMBER OF DISTINCT VALUES .         2          ST.DEV.          0.1014040                    H
NUMBER OF VALUES COUNTED. .       389          (Q3-Q1)/2        0.0                          H                    EACH 'H'
NUMBER OF VALUES NOT COUNTED        0          MX.ST.SC.       19.67                         H                   REPRESENTS
                                                MN.ST.SC.       -0.05                         H                       39
                                                                                              H                    COUNT(S)
LOCATION ESTIMATES                                ST.ERROR                                    H
                  MEAN              2.0051413     0.0051414                                   H
                  MEDIAN            2.0000000     0.0                                         H                   H
                  MODE              2.0000000                                             L-----------------------U

                                                                                          EACH '-' ABOVE =        0.1000
                                                                                                      L=        1.8000
                                                                                                      U=        4.3000
                                                                                     CASE NO. OF MIN. VAL. =    1
                                                                                     CASE NO. OF MAX. VAL. =   17

                                                                                                     Q1=     2.0000000
                                                                                  VALUE   VALUE/S.E.     Q3=     2.0000000
                                                                  SKEWNESS       19.57       157.59     S-=     1.9037371
                                                                  KURTOSIS      382.02      1537.98     S+=     2.1065445

                                                                                          EACH '.' BELOW =        0.0200
          S    Q    S
          -    M    +                                                                                          M
          .....I.........................................................................................A
               N                                                                                            X

                    PERCENTS                          PERCENTS
    VALUE    COUNT  CELL   CUM      VALUE    COUNT  CELL   CUM
        2.    388  99.7  99.7          4.      1   0.3 100.0
```

****
*** URANIUM ***
****

VARIABLE NUMBER	11	MAXIMUM	7.5999994
NUMBER OF DISTINCT VALUES .	38	MINIMUM	0.4000000
NUMBER OF VALUES COUNTED. .	127	RANGE	7.1999989
NUMBER OF VALUES NOT COUNTED	262	VARIANCE	1.5469580
		ST.DEV.	1.2437677
		(Q3-Q1)/2	0.6500001
		MX.ST.SC.	3.62
		MN.ST.SC.	-2.17

LOCATION ESTIMATES

		ST.ERROR
MEAN	3.0952625	0.1103665
MEDIAN	2.6999998	0.1154700
MODE	2.1999998	

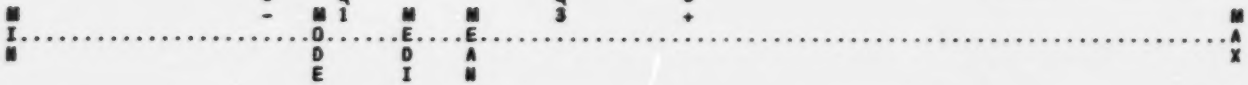
EACH '-' ABOVE = 0.3000
L= 0.3000
U= 7.8000

CASE NO. OF MIN. VAL. = 234
CASE NO. OF MAX. VAL. = 248

	VALUE	VALUE/S.E.
SKEWNESS	1.40	6.44
KURTOSIS	2.20	5.07

Q1= 2.2999992
Q3= 3.5999994
S-= 1.8514948
S+= 4.3390303

EACH '.' BELOW = 0.0750



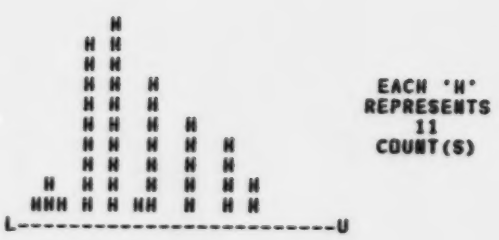
VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.4000	1	0.8	0.8	2.4000	8	6.3	36.2	3.5000	3	2.4	74.0	5.1000	1	0.8	93.7
1.1000	1	0.8	1.6	2.5000	9	7.1	43.3	3.6000	4	3.1	77.2	5.2000	1	0.8	94.5
1.3000	1	0.8	2.4	2.6000	3	2.4	45.7	3.7000	1	0.8	78.0	5.9000	2	1.6	96.1
1.7000	1	0.8	3.1	2.7000	7	5.5	51.2	3.8000	2	1.6	79.5	6.5000	1	0.8	96.9
1.8000	3	2.4	5.5	2.8000	3	2.4	53.5	3.9000	3	2.4	81.9	6.6000	1	0.8	97.6
1.9000	3	2.4	7.9	2.9000	6	4.7	58.3	4.1000	4	3.1	85.0	6.9000	1	0.8	98.4
2.0000	3	2.4	10.2	3.0000	4	3.1	61.4	4.5000	2	1.6	86.6	7.3000	1	0.8	99.2
2.1000	6	4.7	15.0	3.1000	6	4.7	66.1	4.6000	2	1.6	88.2	7.6000	1	0.8	100.0
2.2000	10	7.9	22.8	3.2000	3	2.4	68.5	4.8000	3	2.4	90.6				
2.3000	9	7.1	29.9	3.3000	4	3.1	71.7	4.9000	3	2.4	92.9				

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	28.0000000
NUMBER OF DISTINCT VALUES .	10	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	389	RANGE	26.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	35.5120850
		ST.DEV.	5.9592028
		(Q3-Q1)/2	4.0000000
		MX.ST.SC.	2.38
		MN.ST.SC.	-1.98

LOCATION ESTIMATES

		ST.ERROR
MEAN	13.7852027	0.3021435
MEDIAN	12.0000000	0.0
MODE	12.0000000	



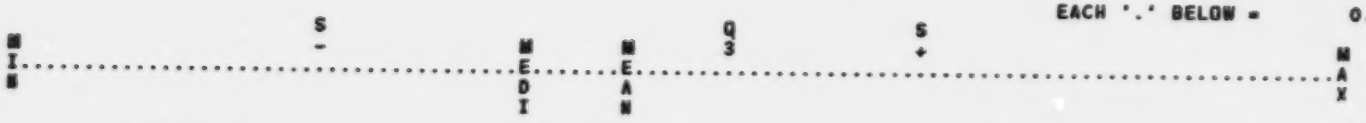
EACH '-' ABOVE = 1.5000
L= 0.0
U= 37.5000

CASE NO. OF MIN. VAL. = 136
CASE NO. OF MAX. VAL. = 160

	VALUE	VALUE/S.E.
SKEWNESS	0.54	4.31
KURTOSIS	-0.45	-1.82

Q1= 8.0000000
Q3= 16.0000000
S-= 7.8299999
S+= 19.7403978

EACH '.' BELOW = 0.2500



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2.	2	0.5	0.5	8.	98	25.2	30.3	16.	67	17.2	76.1	28.	12	3.1	100.0
4.	17	4.4	4.8	12.	110	28.3	58.6	20.	46	11.8	87.9				
6.	1	0.3	5.1	14.	1	0.3	58.9	24.	35	9.0	96.9				

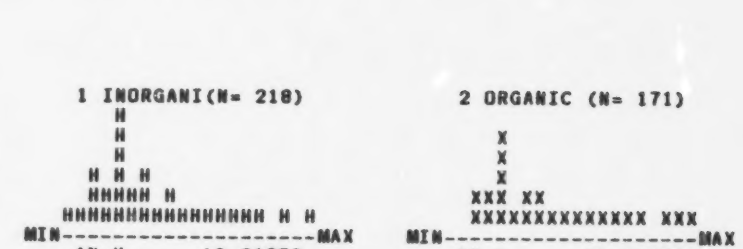
21 O/3D
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.38	0.7076	353.1
T (POOLED)	-0.38	0.7053	387
F(FOR VARIANCES)			
LEVENE	0.00	0.9823	1, 387

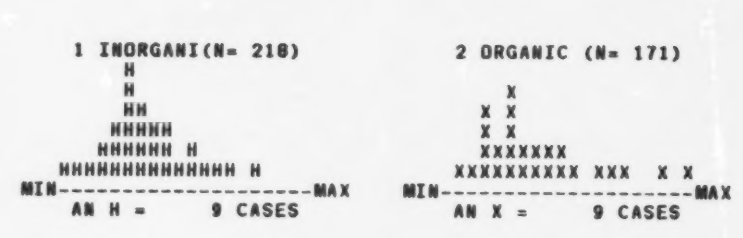
GROUP	1 INORGANI	2 ORGANIC
MEAN	11.4311	11.6082
STD DEV	4.4418	4.7462
S.E.M.	0.3008	0.3631
SAMPLE SIZE	218	171
MAXIMUM	32.0000	32.0000
MINIMUM	3.0000	6.0000



****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.02	0.0446	352.6
T (POOLED)	2.03	0.0428	387
F(FOR VARIANCES)			
LEVENE	0.30	0.5827	1, 387

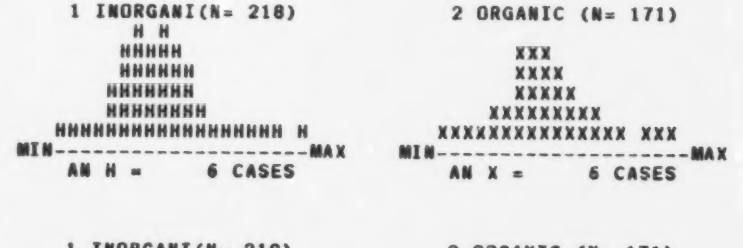
GROUP	1 INORGANI	2 ORGANIC
MEAN	26.8203	25.4263
STD DEV	6.5048	6.9720
S.E.M.	0.4406	0.5332
SAMPLE SIZE	218	171
MAXIMUM	49.0000	61.0000
MINIMUM	10.0000	14.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.60	0.5486	362.6
T (POOLED)	-0.60	0.5478	387
F(FOR VARIANCES)			
LEVENE	0.01	0.9166	1, 387

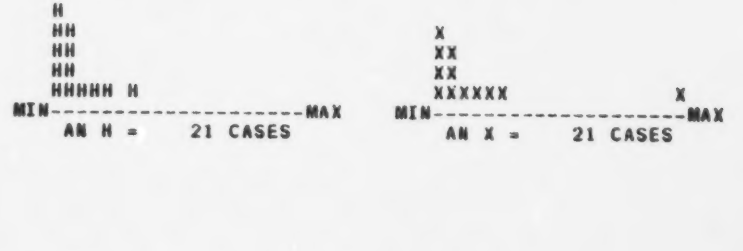
GROUP	1 INORGANI	2 ORGANIC
MEAN	83.1965	84.6720
STD DEV	23.0428	24.2178
S.E.M.	1.6148	1.8520
SAMPLE SIZE	218	171
MAXIMUM	181.0000	170.0000
MINIMUM	10.0000	21.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.45	0.1471	250.5
T (POOLED)	-1.55	0.1217	387
F(FOR VARIANCES)			
LEVENE	2.53	0.1125	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	1333.9331	1570.9263
STD DEV	1060.6353	1912.5903
S.E.M.	71.8353	146.2594
SAMPLE SIZE	218	171
MAXIMUM	7200.0000	22100.0000
MINIMUM	110.0000	80.0000

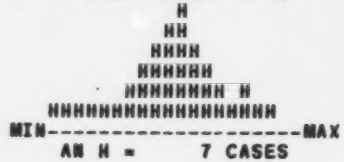


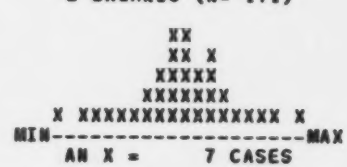
DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.49	0.0133	366.3
T (POOLED)	-2.49	0.0133	387
F(FOR VARIANCES)			
LEVENE	0.11	0.7457	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.1052	2.2367
STD DEV	0.5192	0.5160
S.E.M.	0.0352	0.0395
SAMPLE SIZE	218	171
MAXIMUM	3.3900	3.9100
MINIMUM	0.3500	0.5100

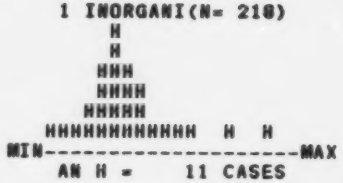


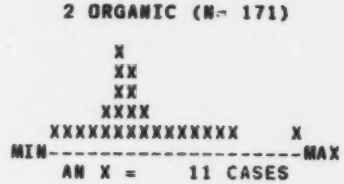


****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-3.32	0.0010	306.2
T (POOLED)	-3.44	0.0007	387
F(FOR VARIANCES)			
LEVENE	5.86	0.0160	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	16.4442	18.1397
STD DEV	4.1669	5.5596
S.E.M.	0.2822	0.4251
SAMPLE SIZE	218	171
MAXIMUM	41.0000	46.0000
MINIMUM	5.0000	6.0000

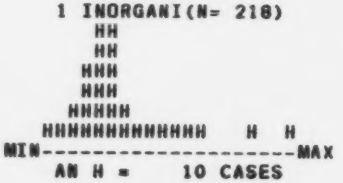


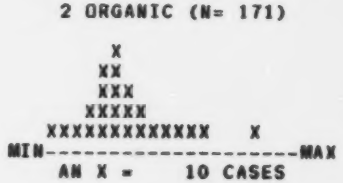


****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.68	0.0935	364.4
T (POOLED)	-1.68	0.0933	387
F(FOR VARIANCES)			
LEVENE	0.33	0.5664	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	41.2103	43.7655
STD DEV	14.8367	14.9072
S.E.M.	1.0049	1.1400
SAMPLE SIZE	218	171
MAXIMUM	131.0000	111.0000
MINIMUM	10.0000	10.0000

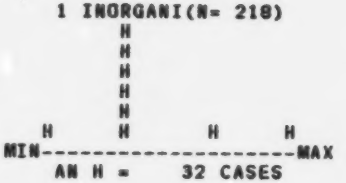


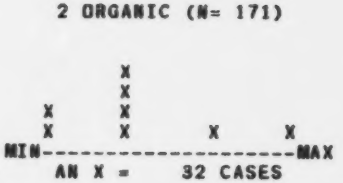


****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.73	0.0068	315.9
T (POOLED)	2.01	0.0053	387
F(FOR VARIANCES)			
LEVENE	27.94	0.0000	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.9541	0.8918
STD DEV	0.1925	0.2455
S.E.M.	0.0130	0.0188
SAMPLE SIZE	218	171
MAXIMUM	2.0000	2.0000
MINIMUM	0.5000	0.5000



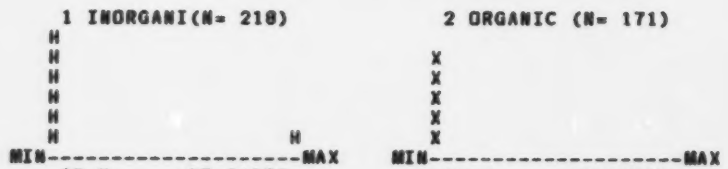


DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.00	0.3208	217.0
T (POOLED)	0.88	0.3788	387
F(FOR VARIANCES)			
LEVENE	3.15	0.0768	1, 387

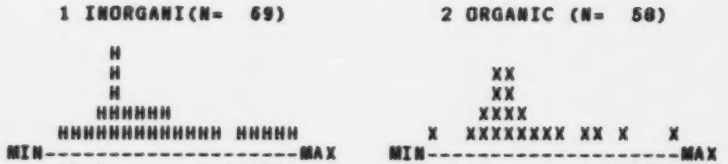
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0091	2.0000
STD DEV	0.1355	0.0
S.E.M.	0.0092	0.0
SAMPLE SIZE	218	171
MAXIMUM	4.0000	2.0000
MINIMUM	2.0000	2.0000



****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.62	0.1075	124.5
T (POOLED)	1.59	0.1147	125
F(FOR VARIANCES)			
LEVENE	5.61	0.0194	1, 125

GROUP	1 INORGANI	2 ORGANIC
MEAN	3.2551	2.9052
STD DEV	1.3585	1.0725
S.E.M.	0.1635	0.1408
SAMPLE SIZE	69	58
MAXIMUM	7.6000	7.3000
MINIMUM	1.1000	0.4000



****
* TUNGSTEN * VARIABLE NUMBER 13
****

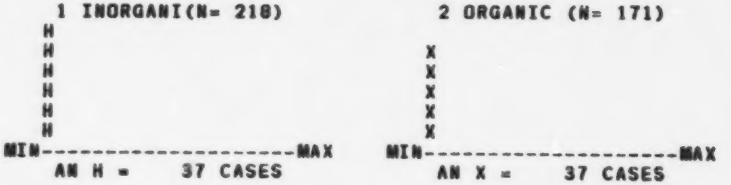
STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.82	0.0050	374.7
T (POOLED)	-2.80	0.0053	387
F(FOR VARIANCES)			
LEVENE	0.00	0.9572	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	13.0458	14.7367
STD DEV	6.0662	5.6978
S.E.M.	0.4109	0.4357
SAMPLE SIZE	218	171
MAXIMUM	28.0000	28.0000
MINIMUM	2.0000	4.0000

****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	387
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	218	171
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0



NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.946 SECONDS

21 O/3E
1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7715 21 O/3E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7715001	47.2345	-67.3975	0	0	2	9.0	22.0	94.0	700.0	2.58	17.0	72.0	1.0	2.0		12.0	
82	7715002	47.2333	-67.3997	0	0	2	8.0	28.0	105.0	1500.0	2.70	18.0	73.0	1.0	2.0		8.0	
82	7715003	47.2325	-67.4010	0	0	2	10.0	19.0	73.0	590.0	1.45	10.0	35.0	1.0	2.0	2.5	12.0	
82	7715004	47.2312	-67.4025	0	0	2	14.0	19.0	54.0	110.0	.95	8.0	29.0	1.0	2.0		16.0	
82	7715005	47.2296	-67.4027	0	0	2	10.0	19.0	67.0	1700.0	1.81	12.0	40.0	1.0	2.0		16.0	
82	7715006	47.2287	-67.4050	0	0	2	13.0	33.0	91.0	1300.0	2.19	16.0	57.0	1.0	2.0	2.6		
82	7715007	47.2282	-67.4065	0	0	2	13.0	22.0	88.0	2700.0	1.84	13.0	38.0	1.0	2.0		16.0	
82	7715008	47.2380	-67.3935	0	0	2	16.0	25.0	70.0	860.0	2.12	15.0	54.0	1.0	2.0		8.0	
82	7715009	47.2390	-67.3914	0	0	2	10.0	22.0	86.0	410.0	2.48	16.0	59.0	1.0	2.0	1.5	12.0	
82	7715010	47.2467	-67.3932	0	0	2	9.0	23.0	39.0	210.0	.91	9.0	27.0	1.0	2.0		8.0	
82	7715011	47.2468	-67.3960	0	0	2	10.0	20.0	58.0	210.0	1.34	10.0	38.0	1.0	2.0		8.0	
82	7715012	47.2480	-67.3978	0	0	2	6.0	20.0	60.0	270.0	1.45	10.0	37.0	.5	2.0	1.3	12.0	
82	7715013	47.2453	-67.3910	0	0	2	11.0	20.0	35.0	240.0	1.22	11.0	35.0	1.0	2.0		8.0	
82	7715014	47.2377	-67.4225	0	0	2	17.0	29.0	79.0	280.0	2.23	17.0	59.0	1.0	2.0		8.0	
82	7715015	47.1517	-67.3840	0	0	1	17.0	36.0	94.0	2200.0	1.45	13.0	36.0	2.0	2.0	8.2	20.0	
82	7715016	47.1495	-67.3862	0	0	1	15.0	33.0	83.0	3100.0	2.13	18.0	43.0	1.5	2.0		20.0	
82	7715017	47.1470	-67.3900	0	0	1	18.0	42.0	117.0	1500.0	1.51	13.0	38.0	2.0	2.0		24.0	
82	7715018	47.1543	-67.3785	0	0	1	8.0	18.0	70.0	310.0	1.53	12.0	33.0	1.0	2.0	3.1	8.0	
82	7715019	47.1565	-67.3820	0	0	1	8.0	21.0	68.0	630.0	1.57	13.0	31.0	1.0	2.0		20.0	
82	7715020	47.1560	-67.3845	0	0	1	7.0	18.0	65.0	470.0	1.57	13.0	32.0	1.0	2.0	3.3	20.0	
82	7715021	47.2317	-67.4647	0	0	1	13.0	31.0	88.0	450.0	2.94	20.0	81.0	1.0	2.0	2.5	16.0	
82	7715022	47.2293	-67.4660	0	0	1	12.0	27.0	83.0	350.0	2.10	17.0	61.0	1.0	2.0		12.0	
82	7715023	47.2265	-67.4666	0	0	1	12.0	25.0	95.0	540.0	2.88	20.0	80.0	1.0	2.0		16.0	
82	7715024	47.2235	-67.4670	0	0	1	13.0	27.0	88.0	480.0	2.47	18.0	68.0	1.0	2.0	1.6	16.0	
82	7715025	47.2333	-67.4602	0	0	1	17.0	31.0	73.0	290.0	2.36	19.0	66.0	1.0	2.0		16.0	
82	7715026	47.2323	-67.4575	0	0	1	16.0	24.0	53.0	340.0	1.60	13.0	47.0	1.0	2.0		16.0	
82	7715027	47.2308	-67.4550	0	0	1	19.0	31.0	68.0	590.0	1.48	13.0	40.0	1.0	2.0	1.6	12.0	
82	7715028	47.2305	-67.4512	0	0	1	21.0	27.0	70.0	1100.0	1.72	15.0	48.0	1.0	2.0	1.7	8.0	
82	7715029	47.2312	-67.4500	0	0	1	23.0	31.0	78.0	1100.0	2.13	17.0	57.0	1.0	2.0		12.0	
82	7715030	47.2318	-67.4492	0	0	1	23.0	27.0	70.0	560.0	3.18	25.0	82.0	1.0	2.0	2.0	12.0	
80	7715031	47.1260	-67.4710	0	0	1	15.0	24.0	75.0	800.0	2.47	19.0	57.0	1.0	2.0		8.0	
82	7715032	47.1288	-67.4705	0	0	1	14.0	20.0	58.0	740.0	2.31	18.0	52.0	1.0	2.0	2.2	12.0	
82	7715033	47.1310	-67.4690	0	0	1	18.0	24.0	60.0	570.0	2.59	21.0	74.0	1.0	2.0		16.0	
82	7715034	47.1317	-67.4665	0	0	1	17.0	24.0	55.0	420.0	2.32	18.0	63.0	1.0	2.0		12.0	
82	7715035	47.1335	-67.4650	0	0	1	22.0	24.0	65.0	460.0	2.80	23.0	79.0	1.0	2.0		12.0	
82	7715036	47.1350	-67.4640	0	0	1	20.0	27.0	66.0	440.0	3.02	24.0	84.0	1.0	2.0		12.0	
82	7715037	47.1358	-67.4620	0	0	1	15.0	24.0	63.0	270.0	1.98	16.0	54.0	1.0	2.0	1.6	20.0	
82	7715038	47.1363	-67.4595	0	0	1	19.0	27.0	65.0	450.0	2.80	22.0	79.0	1.0	2.0		12.0	
82	7715039	47.1373	-67.4580	0	0	1	17.0	20.0	56.0	420.0	2.51	21.0	70.0	1.0	2.0	1.5	12.0	
82	7715040	47.1387	-67.4562	0	0	1	17.0	24.0	60.0	320.0	2.20	18.0	63.0	1.0	2.0		16.0	
82	7715041	47.1412	-67.4564	0	0	1	18.0	24.0	60.0	530.0	2.55	21.0	73.0	1.0	2.0		16.0	
82	7715042	47.1435	-67.4557	0	0	1	19.0	34.0	66.0	460.0	2.81	23.0	81.0	1.0	2.0	1.6	20.0	
82	7715043	47.1364	-67.4505	0	0	1	20.0	27.0	65.0	630.0	2.63	23.0	80.0	1.0	2.0		16.0	
82	7715044	47.1395	-67.4477	0	0	1	21.0	25.0	61.0	1100.0	2.60	21.0	75.0	1.0	2.0		12.0	
82	7715045	47.1412	-67.4471	0	0	1	17.0	20.0	58.0	360.0	2.59	18.0	65.0	1.0	2.0		20.0	
82	7715046	47.1425	-67.4468	0	0	1	17.0	20.0	52.0	390.0	2.28	17.0	61.0	1.0	2.0	1.5	16.0	
82	7715047	47.1367	-67.4416	0	0	1	20.0	22.0	60.0	420.0	2.42	19.0	70.0	1.0	2.0		20.0	
82	7715048	47.1380	-67.4472	0	0	1	19.0	22.0	58.0	450.0	2.53	19.0	69.0	1.0	2.0		16.0	
82	7715049	47.1357	-67.4515	0	0	1	17.0	20.0	58.0	410.0	2.22	17.0	62.0	.5	2.0		16.0	
82	7715050	47.1348	-67.4487	0	0	1	18.0	20.0	58.0	420.0	2.62	19.0	68.0	1.0	2.0		24.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7715 21 O/3E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7715051	47.1334	-67.4460	0	0	1	22.0	22.0	63.0	850.0	2.93	22.0	71.0	1.0	2.0		24.0	
82	7715052	47.1280	-67.4431	0	0	1	12.0	20.0	60.0	250.0	1.73	12.0	45.0	1.0	2.0		20.0	
82	7715053	47.1290	-67.4404	0	0	1	17.0	19.0	57.0	430.0	2.10	18.0	61.0	.5	2.0		16.0	
82	7715054	47.1303	-67.4383	0	0	1	17.0	19.0	57.0	340.0	2.25	19.0	64.0	1.0	2.0		16.0	
82	7715055	47.1303	-67.4352	0	0	1	18.0	22.0	59.0	1000.0	2.36	20.0	68.0	1.0	2.0	2.0	16.0	
82	7715056	47.1337	-67.4282	0	0	1	16.0	19.0	51.0	600.0	2.33	18.0	48.0	.5	2.0		20.0	
82	7715057	47.1258	-67.4165	0	0	1	14.0	34.0	109.0	4700.0	3.79	45.0	65.0	1.0	2.0		16.0	
82	7715058	47.1280	-67.4170	0	0	1	14.0	34.0	71.0	2300.0	2.34	28.0	33.0	1.0	2.0		20.0	
82	7715059	47.1298	-67.4172	0	0	1	14.0	28.0	74.0	910.0	.85	12.0	25.0	1.0	2.0	2.3	12.0	
82	7715060	47.2368	-67.3780	0	0	2	21.0	26.0	66.0	490.0	2.83	22.0	68.0	1.0	2.0		16.0	
82	7715061	47.2208	-67.3757	0	0	2	11.0	32.0	97.0	310.0	1.78	13.0	45.0	1.0	2.0		28.0	
82	7715062	47.2215	-67.3777	0	0	2	7.0	20.0	82.0	560.0	1.90	13.0	44.0	1.0	2.0		16.0	
82	7715063	47.2227	-67.3799	0	0	2	9.0	23.0	81.0	440.0	1.83	12.0	47.0	.5	2.0	2.5	20.0	
82	7715064	47.2243	-67.3810	0	0	2	10.0	23.0	100.0	1300.0	1.78	13.0	42.0	.5	2.0		24.0	
82	7715065	47.2254	-67.3826	0	0	2	19.0	33.0	139.0	890.0	2.07	15.0	48.0	1.0	2.0		20.0	
82	7715066	47.2265	-67.3824	0	0	2	8.0	16.0	66.0	750.0	1.27	9.0	31.0	1.0	2.0	2.1	20.0	
82	7715067	47.2287	-67.3830	0	0	2	10.0	20.0	87.0	170.0	.87	9.0	26.0	1.0	2.0		24.0	
82	7715068	47.1613	-67.3865	0	0	1	8.0	21.0	67.0	750.0	1.71	14.0	36.0	1.0	2.0	3.0	12.0	
82	7715069	47.1632	-67.3856	0	0	1	9.0	21.0	77.0	910.0	1.89	16.0	40.0	1.0	2.0		8.0	
82	7715070	47.1650	-67.3828	0	0	1	12.0	24.0	74.0	1000.0	1.97	16.0	39.0	1.0	2.0		4.0	
82	7715071	47.1656	-67.3802	0	0	1	13.0	27.0	75.0	1200.0	2.22	18.0	44.0	1.0	2.0	2.2	8.0	
82	7715072	47.1756	-67.3770	0	0	2	11.0	24.0	67.0	1500.0	1.84	15.0	37.0	1.0	2.0		12.0	
82	7715073	47.1732	-67.3770	0	0	2	10.0	24.0	87.0	1900.0	2.05	18.0	43.0	1.0	2.0	2.5	12.0	
82	7715074	47.1713	-67.3770	0	0	2	9.0	21.0	79.0	1200.0	1.91	16.0	39.0	1.0	2.0		12.0	
82	7715075	47.1694	-67.3802	0	0	2	10.0	25.0	53.0	810.0	1.32	11.0	26.0	.5	2.0		4.0	
82	7715076	47.1680	-67.3820	0	0	2	9.0	21.0	71.0	690.0	1.80	16.0	39.0	1.0	2.0		8.0	
82	7715077	47.1622	-67.3895	0	0	2	7.0	18.0	66.0	560.0	1.41	13.0	30.0	1.0	2.0	2.3	4.0	
82	7715078	47.1653	-67.3892	0	0	1	6.0	16.0	48.0	360.0	1.29	10.0	28.0	.5	2.0		4.0	
82	7715079	47.2495	-67.4729	0	0	1	9.0	24.0	49.0	200.0	1.51	11.0	68.0	1.0	2.0		20.0	
82	7715080	47.1695	-67.3870	0	0	2	9.0	27.0	55.0	770.0	1.15	12.0	29.0	1.0	2.0	2.6	8.0	
82	7715081	47.1708	-67.3860	0	0	2	10.0	27.0	70.0	350.0	1.50	14.0	38.0	1.0	2.0		12.0	
82	7715082	47.1754	-67.4130	0	0	1	11.0	22.0	78.0	750.0	2.10	14.0	45.0	.5	2.0		8.0	
82	7715083	47.1650	-67.3927	0	0	1	5.0	16.0	46.0	550.0	1.22	10.0	25.0	.5	2.0		12.0	
82	7715084	47.1677	-67.3912	0	0	2	14.0	31.0	103.0	1100.0	2.53	20.0	52.0	1.0	2.0		4.0	
82	7715085	47.1700	-67.3905	0	0	2	10.0	28.0	107.0	2400.0	2.57	19.0	45.0	1.0	2.0		12.0	
82	7715086	47.1715	-67.3894	0	0	2	12.0	31.0	102.0	2400.0	2.61	22.0	55.0	1.5	2.0		8.0	
82	7715087	47.1728	-67.3876	0	0	2	11.0	31.0	97.0	1200.0	2.10	16.0	40.0	1.0	2.0		12.0	
82	7715088	47.1682	-67.3950	0	0	2	11.0	24.0	91.0	1100.0	1.93	16.0	44.0	1.0	2.0	2.6	4.0	
82	7715089	47.1707	-67.3967	0	0	2	11.0	27.0	113.0	990.0	2.11	18.0	83.0	1.0	2.0		8.0	
82	7715090	47.1423	-67.4802	0	0	1	18.0	24.0	57.0	440.0	2.48	20.0	136.0	1.0	2.0		24.0	
82	7715091	47.1411	-67.4795	0	0	1	19.0	27.0	64.0	590.0	2.85	24.0	155.0	1.0	2.0	1.6	16.0	
82	7715092	47.1394	-67.4770	0	0	1	17.0	24.0	59.0	400.0	2.59	22.0	141.0	1.0	2.0		20.0	
82	7715093	47.1372	-67.4760	0	0	1	13.0	21.0	62.0	510.0	2.10	15.0	45.0	1.0	2.0		12.0	
82	7715094	47.1353	-67.4760	0	0	1	16.0	21.0	57.0	420.0	2.33	18.0	62.0	1.0	2.0	2.0	20.0	
82	7715095	47.1338	-67.4765	0	0	1	15.0	21.0	54.0	400.0	2.35	17.0	61.0	1.0	2.0		20.0	
82	7715096	47.1319	-67.4755	0	0	1	18.0	21.0	51.0	430.0	2.20	17.0	58.0	1.0	2.0		16.0	
82	7715097	47.1292	-67.4746	0	0	1	18.0	25.0	57.0	620.0	2.34	19.0	67.0	1.0	2.0	2.1	16.0	
82	7715098	47.1274	-67.4725	0	0	1	21.0	25.0	64.0	590.0	2.68	21.0	74.0	1.0	2.0		20.0	
82	7715099	47.1438	-67.4799	0	0	1	17.0	19.0	53.0	440.0	2.41	19.0	65.0	1.0	2.0		16.0	
82	7715100	47.1458	-67.4790	0	0	1	14.0	16.0	48.0	350.0	2.16	16.0	58.0	1.0	2.0		12.0	

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MAP SHEET 7715 21 O/3E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7715101	47.1479	-67.4793	0	0	1	17.0	22.0	57.0	400.0	2.61	19.0	69.0	1.0	2.0		20.0	
82	7715102	47.1499	-67.4797	0	0	1	17.0	20.0	55.0	400.0	2.28	18.0	63.0	1.0	2.0	1.8	16.0	
82	7715103	47.1517	-67.4815	0	0	1	17.0	23.0	52.0	430.0	2.31	18.0	59.0	1.0	2.0		20.0	
82	7715104	47.1538	-67.4797	0	0	1	17.0	23.0	63.0	430.0	2.76	21.0	73.0	1.0	2.0	1.6	20.0	
82	7715105	47.1551	-67.4784	0	0	1	17.0	23.0	56.0	430.0	2.44	19.0	67.0	.5	2.0		16.0	
82	7715106	47.1566	-67.4790	0	0	1	17.0	23.0	52.0	490.0	2.29	18.0	63.0	1.0	2.0		24.0	
82	7715107	47.1585	-67.4782	0	0	1	17.0	23.0	55.0	460.0	2.44	19.0	65.0	1.0	2.0	2.0	16.0	
82	7715108	47.1540	-67.4772	0	0	1	17.0	25.0	63.0	500.0	2.34	19.0	54.0	.5	2.0		20.0	
82	7715109	47.1546	-67.4741	0	0	1	17.0	23.0	65.0	570.0	2.50	19.0	56.0	1.0	2.0	1.8	16.0	
82	7715110	47.1621	-67.4763	0	0	1	19.0	22.0	60.0	550.0	2.68	21.0	74.0	1.0	2.0		12.0	
82	7715111	47.1658	-67.4772	0	0	1	18.0	22.0	58.0	650.0	2.57	21.0	73.0	1.0	2.0	1.8	16.0	
82	7715112	47.1671	-67.4786	0	0	1	16.0	19.0	52.0	310.0	2.42	18.0	64.0	1.0	2.0		16.0	
82	7715113	47.1687	-67.4809	0	0	1	18.0	22.0	55.0	470.0	2.46	20.0	68.0	1.0	2.0	1.5	12.0	
82	7715114	47.1657	-67.4732	0	0	1	20.0	22.0	58.0	480.0	2.59	21.0	72.0	1.0	2.0		12.0	
82	7715115	47.1678	-67.4715	0	0	1	21.0	20.0	82.0	660.0	2.67	21.0	69.0	1.0	2.0		16.0	
82	7715116	47.1712	-67.4692	0	0	1	22.0	20.0	87.0	690.0	2.86	23.0	67.0	1.0	2.0	2.1	20.0	
82	7715117	47.1735	-67.4671	0	0	1	19.0	25.0	76.0	530.0	2.73	22.0	65.0	1.0	2.0		24.0	
82	7715118	47.2371	-67.4725	0	0	1	27.0	27.0	65.0	180.0	1.73	17.0	122.0	1.0	2.0		20.0	
82	7715119	47.2371	-67.4725	0	0	1	27.0	27.0	65.0	180.0	1.73	17.0	122.0	1.0	2.0		20.0	
82	7715120	47.2358	-67.4696	0	0	1	13.0	31.0	100.0	600.0	2.27	19.0	129.0	1.0	2.0	2.0	16.0	
82	7715121	47.2347	-67.4674	0	0	1	30.0	24.0	59.0	170.0	1.55	14.0	116.0	1.0	2.0		16.0	
82	7715122	47.2335	-67.4648	0	0	1	13.0	27.0	59.0	1100.0	1.59	14.0	85.0	1.0	2.0		16.0	
82	7715123	47.2350	-67.4614	0	0	1	14.0	31.0	93.0	350.0	1.79	16.0	109.0	1.0	2.0	2.7	16.0	
82	7715124	47.2364	-67.4596	0	0	1	12.0	27.0	85.0	320.0	1.93	16.0	112.0	1.0	2.0		16.0	
82	7715125	47.2380	-67.4585	0	0	1	18.0	31.0	74.0	400.0	2.45	18.0	133.0	1.0	2.0		12.0	
82	7715126	47.2395	-67.4584	0	0	1	12.0	27.0	65.0	400.0	1.57	13.0	95.0	1.0	2.0		8.0	
82	7715127	47.2403	-67.4574	0	0	1	15.0	20.0	52.0	190.0	1.27	11.0	92.0	1.0	2.0	2.3	20.0	
82	7715128	47.2409	-67.4550	0	0	1	12.0	20.0	78.0	320.0	1.82	14.0	109.0	1.0	2.0		16.0	
82	7715129	47.2426	-67.4550	0	0	1	17.0	27.0	65.0	250.0	1.30	14.0	88.0	1.0	2.0		12.0	
82	7715130	47.2440	-67.4555	0	0	1	13.0	27.0	69.0	180.0	1.23	12.0	85.0	1.0	2.0		12.0	
82	7715131	47.2464	-67.4553	0	0	1	14.0	34.0	82.0	220.0	1.57	15.0	105.0	1.0	2.0	1.7	16.0	
82	7715132	47.2483	-67.4550	0	0	1	12.0	34.0	59.0	280.0	1.38	14.0	85.0	1.0	2.0		20.0	
82	7715133	47.2405	-67.4602	0	0	1	10.0	27.0	57.0	180.0	1.83	12.0	83.0	1.0	2.0	1.6	12.0	
82	7715134	47.2412	-67.4622	0	0	1	12.0	34.0	65.0	210.0	1.37	14.0	92.0	1.0	2.0		16.0	
82	7715135	47.2446	-67.4673	0	0	1	12.0	34.0	74.0	1100.0	1.67	14.0	50.0	1.0	2.0		16.0	
82	7715136	47.2468	-67.4709	0	0	1	13.0	34.0	85.0	570.0	1.68	15.0	99.0	1.0	2.0		16.0	
82	7715137	47.2482	-67.4720	0	0	1	12.0	34.0	75.0	340.0	1.32	14.0	88.0	1.0	2.0	2.0	16.0	
82	7715138	47.2444	-67.4863	0	0	1	12.0	23.0	109.0	540.0	2.37	19.0	69.0	1.0	2.0		20.0	
82	7715139	47.2366	-67.4250	0	0	2	13.0	24.0	90.0	180.0	2.02	13.0	58.0	1.0	2.0		20.0	
82	7715140	47.2347	-67.4280	0	0	2	16.0	27.0	117.0	170.0	1.96	12.0	50.0	1.0	2.0	2.7	16.0	
82	7715141	47.2400	-67.4198	0	0	2	12.0	30.0	69.0	350.0	2.03	14.0	59.0	1.0	2.0		16.0	
82	7715142	47.2406	-67.4185	0	0	2	10.0	27.0	66.0	190.0	1.61	11.0	45.0	1.0	2.0		16.0	
82	7715143	47.2413	-67.4165	0	0	2	10.0	24.0	67.0	330.0	1.68	11.0	48.0	1.0	2.0	1.5	18.0	
82	7715144	47.2422	-67.4142	0	0	2	19.0	24.0	56.0	270.0	1.92	13.0	57.0	1.0	2.0		12.0	
82	7715145	47.2427	-67.4112	0	0	2	12.0	18.0	64.0	240.0	1.70	14.0	51.0	1.0	2.0		20.0	
82	7715146	47.2428	-67.4084	0	0	2	13.0	21.0	67.0	170.0	2.08	16.0	60.0	1.0	2.0	5.5	20.0	
82	7715147	47.1862	-67.4550	0	0	1	8.0	23.0	75.0	410.0	1.85	11.0	38.0	1.0	2.0	1.8	8.0	
82	7715148	47.1627	-67.4540	0	0	1	12.0	30.0	89.0	570.0	2.35	16.0	51.0	1.0	2.0		12.0	
82	7715149	47.1602	-67.4549	0	0	1	9.0	27.0	76.0	700.0	2.06	13.0	42.0	1.0	2.0		8.0	
82	7715150	47.1581	-67.4544	0	0	1	7.0	20.0	66.0	260.0	2.02	11.0	38.0	1.0	2.0		8.0	

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MAP SHEET 7715 21 O/3E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7715151	47.1555	-67.4540	0	0	1	9.0	27.0	80.0	360.0	1.93	12.0	38.0	1.0	2.0		8.0	
82	7715152	47.1539	-67.4539	0	0	1	7.0	14.0	54.0	200.0	1.79	11.0	37.0	1.0	2.0		12.0	
82	7715153	47.1522	-67.4530	0	0	1	10.0	20.0	75.0	510.0	2.30	14.0	46.0	1.0	2.0		12.0	
82	7715154	47.1503	-67.4519	0	0	1	12.0	20.0	75.0	490.0	2.42	16.0	50.0	1.0	2.0		12.0	
82	7715155	47.1485	-67.4502	0	0	1	12.0	20.0	79.0	600.0	2.58	16.0	54.0	1.0	2.0		12.0	
82	7715156	47.1473	-67.4489	0	0	1	10.0	24.0	75.0	800.0	2.06	13.0	43.0	1.0	2.0		12.0	
82	7715157	47.1462	-67.4469	0	0	1	8.0	17.0	58.0	290.0	2.43	12.0	39.0	1.0	2.0	2.0	8.0	
82	7715158	47.1446	-67.4462	0	0	1	10.0	17.0	59.0	490.0	2.10	12.0	42.0	1.0	2.0		12.0	
82	7715159	47.1442	-67.4430	0	0	1	16.0	24.0	66.0	780.0	2.45	16.0	50.0	1.0	2.0		12.0	
82	7715160	47.1439	-67.4401	0	0	1	16.0	30.0	82.0	780.0	2.25	16.0	50.0	1.5	2.0	2.5	8.0	
82	7715161	47.1432	-67.4385	0	0	1	13.0	30.0	119.0	3300.0	2.77	19.0	63.0	1.5	2.0		12.0	
82	7715162	47.1425	-67.4365	0	0	1	13.0	34.0	127.0	3000.0	2.65	19.0	60.0	1.5	2.0		12.0	
82	7715163	47.1424	-67.4346	0	0	1	13.0	31.0	132.0	1700.0	2.62	19.0	56.0	1.0	2.0	2.5	12.0	
82	7715164	47.1464	-67.4373	0	0	1	10.0	24.0	73.0	630.0	2.09	15.0	42.0	1.0	2.0		12.0	
82	7715165	47.1454	-67.4391	0	0	1	9.0	24.0	64.0	780.0	2.08	14.0	40.0	1.0	2.0		12.0	
82	7715166	47.1446	-67.4410	0	0	1	12.0	24.0	69.0	600.0	2.51	19.0	50.0	1.0	2.0	2.3	8.0	
82	7715167	47.1483	-67.4472	0	0	1	10.0	20.0	63.0	550.0	2.10	14.0	43.0	1.0	2.0		12.0	
82	7715168	47.1503	-67.4462	0	0	1	11.0	24.0	66.0	460.0	2.25	16.0	44.0	1.0	2.0		12.0	
82	7715169	47.1521	-67.4457	0	0	1	13.0	24.0	69.0	570.0	2.29	16.0	48.0	1.0	2.0	2.3	12.0	
82	7715170	47.1533	-67.4440	0	0	1	13.0	27.0	71.0	660.0	2.37	16.0	49.0	1.0	2.0		12.0	
82	7715171	47.1537	-67.4389	0	0	1	9.0	24.0	61.0	460.0	2.08	4.0	40.0	1.0	2.0		4.0	
82	7715172	47.1545	-67.4356	0	0	1	13.0	27.0	71.0	1000.0	2.39	16.0	51.0	1.0	2.0	2.0	8.0	
82	7715173	47.1545	-67.4322	0	0	1	13.0	31.0	73.0	1400.0	2.21	16.0	48.0	1.0	2.0		12.0	
82	7715174	47.1555	-67.4289	0	0	1	8.0	24.0	61.0	470.0	1.85	13.0	39.0	.5	2.0		8.0	
82	7715175	47.1548	-67.4406	0	0	1	11.0	31.0	95.0	4000.0	2.56	16.0	43.0	1.0	2.0	2.2	12.0	
82	7715176	47.1565	-67.4399	0	0	1	12.0	31.0	82.0	830.0	1.65	11.0	31.0	1.0	2.0		8.0	
82	7715177	47.1583	-67.4396	0	0	1	17.0	34.0	80.0	630.0	2.17	17.0	52.0	1.0	2.0		8.0	
82	7715178	47.1600	-67.4409	0	0	1	16.0	31.0	94.0	1600.0	1.83	13.0	42.0	1.5	2.0	3.2	12.0	
82	7715179	47.1616	-67.4409	0	0	1	12.0	31.0	89.0	1300.0	1.75	11.0	35.0	1.0	2.0		16.0	
82	7715180	47.1634	-67.4419	0	0	1	13.0	27.0	92.0	1500.0	1.95	14.0	43.0	1.0	2.0	3.3	12.0	
82	7715181	47.2005	-67.4429	0	0	1	13.0	17.0	77.0	290.0	1.75	14.0	45.0	1.0	2.0		12.0	
82	7715182	47.2013	-67.4405	0	0	1	16.0	25.0	109.0	530.0	2.35	17.0	61.0	1.0	2.0	1.7	16.0	
82	7715183	47.2022	-67.4385	0	0	1	10.0	20.0	80.0	380.0	1.82	14.0	47.0	1.0	2.0		12.0	
82	7715184	47.2034	-67.4364	0	0	1	18.0	20.0	77.0	360.0	2.36	18.0	57.0	1.0	2.0		8.0	
82	7715185	47.2047	-67.4345	0	0	1	13.0	28.0	120.0	990.0	2.29	16.0	57.0	1.0	2.0	1.5	16.0	
82	7715186	47.2061	-67.4320	0	0	1	12.0	25.0	107.0	450.0	1.66	13.0	42.0	1.0	2.0		16.0	
82	7715187	47.2060	-67.4289	0	0	1	13.0	23.0	82.0	720.0	1.98	16.0	43.0	1.0	2.0		16.0	
82	7715188	47.2074	-67.4260	0	0	1	18.0	25.0	81.0	770.0	2.72	20.0	69.0	1.0	2.0	2.2	12.0	
82	7715189	47.2040	-67.4482	0	0	1	13.0	31.0	67.0	180.0	1.61	12.0	39.0	1.0	2.0		12.0	
82	7715190	47.2014	-67.4485	0	0	1	11.0	28.0	74.0	270.0	1.44	12.0	33.0	1.0	2.0		20.0	
82	7715191	47.2058	-67.4482	0	0	1	14.0	34.0	86.0	290.0	2.03	14.0	41.0	1.0	2.0		16.0	
82	7715192	47.2072	-67.4470	0	0	1	12.0	23.0	67.0	90.0	1.46	10.0	35.0	1.0	2.0	1.7	20.0	
82	7715193	47.2085	-67.4463	0	0	1	14.0	20.0	67.0	310.0	1.55	12.0	38.0	1.0	2.0		12.0	
82	7715194	47.2118	-67.4443	0	0	1	14.0	25.0	64.0	270.0	1.59	13.0	37.0	1.0	2.0	2.5	16.0	
82	7715195	47.2145	-67.4440	0	0	1	13.0	20.0	50.0	80.0	1.02	9.0	26.0	1.0	2.0		16.0	
82	7715196	47.2167	-67.4420	0	0	1	14.0	25.0	45.0	430.0	1.39	12.0	35.0	1.0	2.0		16.0	
82	7715197	47.2098	-67.4423	0	0	1	23.0	28.0	56.0	1400.0	2.57	18.0	52.0	1.0	2.0	2.1	16.0	
82	7715198	47.1900	-67.4330	0	0	1	18.0	23.0	75.0	220.0	2.23	17.0	40.0	1.0	2.0		16.0	
82	7715199	47.1910	-67.4310	0	0	1	18.0	28.0	58.0	120.0	1.26	13.0	31.0	1.0	2.0	4.5	16.0	
82	7715200	47.1924	-67.4304	0	0	1	13.0	34.0	74.0	420.0	9.43	12.0	23.0	1.0	2.0		16.0	

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MAP SHEET 7715 21 O/3E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7715201	47.1939	-67.4296	0	0	1	11.0	23.0	96.0	260.0	1.32	10.0	31.0	1.0	2.0		12.0	
82	7715202	47.1420	-67.3753	0	0	1	17.0	28.0	84.0	990.0	2.08	17.0	43.0	1.0	2.0		16.0	
82	7715203	47.2404	-67.4907	0	0	1	21.0	25.0	53.0	350.0	1.82	15.0	58.0	1.0	2.0	4.6	12.0	
82	7715204	47.2410	-67.4887	0	0	1	17.0	25.0	117.0	680.0	2.69	21.0	67.0	1.0	2.0		12.0	
82	7715205	47.2428	-67.4873	0	0	1	12.0	23.0	103.0	460.0	2.25	18.0	66.0	1.0	2.0		16.0	
82	7715206	47.1253	-67.4720	0	0	1	16.0	22.0	55.0	530.0	2.53	18.0	65.0	1.0	2.0		8.0	
82	7715207	47.2168	-67.4860	0	0	2	15.0	24.0	114.0	680.0	1.30	10.0	35.0	2.0	2.0	2.5	12.0	
82	7715208	47.2144	-67.4840	0	0	2	20.0	30.0	218.0	1700.0	1.75	12.0	45.0	1.0	2.0		12.0	
82	7715209	47.2132	-67.4820	0	0	2	13.0	15.0	50.0	160.0	1.17	8.0	33.0	1.0	2.0		12.0	
82	7715210	47.2113	-67.4809	0	0	2	20.0	24.0	68.0	550.0	1.23	10.0	39.0	2.0	2.0	2.6	8.0	
82	7715211	47.2095	-67.4800	0	0	2	34.0	18.0	41.0	210.0	1.57	11.0	49.0	1.0	2.0		12.0	
82	7715212	47.2074	-67.4790	0	0	2	12.0	21.0	102.0	400.0	1.36	9.0	34.0	1.0	2.0		12.0	
82	7715213	47.2056	-67.4780	0	0	2	9.0	18.0	78.0	230.0	1.67	10.0	39.0	1.0	2.0	1.2	16.0	
82	7715214	47.2027	-67.4773	0	0	2	18.0	30.0	192.0	6900.0	1.82	11.0	33.0	2.0	2.0		16.0	
82	7715215	47.2015	-67.4767	0	0	2	11.0	12.0	62.0	630.0	1.35	8.0	30.0	1.0	2.0		12.0	
82	7715216	47.1992	-67.4765	0	0	2	8.0	15.0	58.0	350.0	1.64	10.0	32.0	1.0	2.0	2.2	12.0	
82	7715217	47.1975	-67.4769	0	0	2	11.0	21.0	84.0	3300.0	2.50	14.0	39.0	1.0	2.0		12.0	
82	7715218	47.1973	-67.4755	0	0	1	12.0	15.0	58.0	370.0	2.19	13.0	50.0	1.0	2.0		16.0	
82	7715219	47.1985	-67.4737	0	0	1	14.0	18.0	57.0	420.0	2.25	14.0	50.0	1.0	2.0	2.0	12.0	
82	7715220	47.2010	-67.4720	0	0	1	16.0	18.0	67.0	430.0	2.62	17.0	66.0	1.0	2.0		12.0	
82	7715221	47.2023	-67.4698	0	0	1	16.0	18.0	57.0	470.0	2.50	16.0	65.0	1.0	2.0		16.0	
82	7715222	47.2043	-67.4680	0	0	1	18.0	21.0	75.0	330.0	3.00	17.0	71.0	1.0	2.0	1.5	12.0	
82	7715223	47.2065	-67.4667	0	0	1	14.0	21.0	73.0	300.0	2.67	19.0	74.0	1.0	2.0		16.0	
82	7715224	47.2087	-67.4670	0	0	1	16.0	30.0	65.0	420.0	2.52	17.0	71.0	1.5	2.0	1.8	20.0	
82	7715225	47.2110	-67.4660	0	0	1	17.0	18.0	68.0	610.0	2.27	14.0	58.0	1.0	2.0		20.0	
82	7715226	47.2125	-67.4660	0	0	1	16.0	21.0	70.0	620.0	2.20	14.0	57.0	1.0	2.0		20.0	
82	7715227	47.2140	-67.4670	0	0	1	17.0	18.0	68.0	540.0	2.33	15.0	61.0	1.0	2.0	1.8	12.0	
82	7715228	47.2155	-67.4672	0	0	1	12.0	21.0	89.0	750.0	2.54	14.0	63.0	1.0	2.0		12.0	
82	7715229	47.2175	-67.4674	0	0	1	11.0	18.0	71.0	210.0	1.68	10.0	15.0	1.0	2.0		16.0	
82	7715230	47.2192	-67.4676	0	0	1	11.0	18.0	71.0	370.0	2.07	12.0	56.0	1.0	2.0	2.0	16.0	
82	7715231	47.1995	-67.4990	0	0	1	17.0	21.0	67.0	450.0	2.82	17.0	91.0	1.0	2.0	2.2	16.0	
82	7715232	47.1968	-67.4997	0	0	1	16.0	15.0	62.0	370.0	2.55	16.0	82.0	1.0	2.0		12.0	
82	7715233	47.1960	-67.4993	0	0	1	16.0	21.0	60.0	610.0	2.67	16.0	76.0	1.0	2.0		12.0	
82	7715234	47.1952	-67.4963	0	0	1	18.0	18.0	57.0	560.0	2.33	15.0	72.0	1.0	2.0	1.8	12.0	
82	7715235	47.1944	-67.4950	0	0	1	16.0	21.0	57.0	290.0	2.09	14.0	71.0	1.0	2.0		12.0	
82	7715236	47.1914	-67.5000	0	0	1	20.0	18.0	62.0	420.0	2.65	18.0	81.0	1.0	2.0		12.0	
82	7715237	47.1885	-67.4990	0	0	1	12.0	15.0	55.0	280.0	2.52	14.0	61.0	1.0	2.0	2.3	8.0	
82	7715238	47.1862	-67.4958	0	0	1	17.0	18.0	58.0	700.0	2.62	16.0	69.0	1.0	2.0		12.0	
82	7715239	47.1843	-67.4970	0	0	1	16.0	15.0	76.0	650.0	2.55	19.0	74.0	1.0	2.0		16.0	
82	7715240	47.1842	-67.4956	0	0	1	21.0	18.0	63.0	470.0	2.92	19.0	78.0	1.0	2.0	1.5	16.0	
82	7715241	47.1822	-67.4935	0	0	1	21.0	18.0	62.0	600.0	2.72	19.0	75.0	1.0	2.0		12.0	
82	7715242	47.1809	-67.4910	0	0	1	18.0	15.0	58.0	420.0	2.64	17.0	73.0	1.0	2.0	1.3	8.0	
82	7715243	47.1787	-67.4889	0	0	1	20.0	21.0	60.0	470.0	2.65	18.0	76.0	1.0	2.0		12.0	
82	7715244	47.1780	-67.4858	0	0	1	24.0	21.0	57.0	470.0	2.69	20.0	69.0	1.0	2.0		4.0	
82	7715245	47.1763	-67.4850	0	0	1	19.0	18.0	57.0	250.0	2.19	17.0	63.0	1.0	2.0	2.0	12.0	
82	7715246	47.1745	-67.4840	0	0	1	12.0	21.0	106.0	710.0	2.28	14.0	48.0	1.0	2.0		12.0	
82	7715247	47.1687	-67.4910	0	0	1	11.0	21.0	109.0	880.0	2.25	14.0	44.0	1.0	2.0	2.3	16.0	
82	7715248	47.1696	-67.4899	0	0	1	12.0	24.0	112.0	850.0	2.23	14.0	46.0	1.0	2.0		8.0	
82	7715249	47.1710	-67.4882	0	0	1	10.0	21.0	99.0	550.0	2.12	13.0	41.0	1.0	2.0		12.0	
82	7715250	47.1717	-67.4868	0	0	1	11.0	21.0	84.0	1200.0	2.05	13.0	41.0	1.0	2.0	2.7	12.0	

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MAP SHEET 7715 21 O/3E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7715251	47.1717	-67.4849	0	0	1	12.0	21.0	94.0	510.0	2.14	14.0	46.0	1.0	2.0		8.0	
82	7715252	47.1732	-67.4803	0	0	1	15.0	21.0	49.0	250.0	2.25	18.0	53.0	1.0	2.0		12.0	
82	7715253	47.2210	-67.4688	0	0	2	16.0	15.0	60.0	320.0	2.00	12.0	46.0	1.0	2.0		12.0	
82	7715254	47.2213	-67.4725	0	0	2	15.0	18.0	83.0	660.0	2.14	14.0	50.0	1.0	2.0		16.0	
82	7715255	47.2225	-67.4755	0	0	2	13.0	24.0	89.0	360.0	1.88	12.0	54.0	1.0	2.0	2.6	12.0	
82	7715256	47.2244	-67.4768	0	0	2	23.0	24.0	65.0	980.0	1.35	10.0	35.0	1.0	2.0		16.0	
82	7715257	47.1998	-67.4468	0	0	1	11.0	18.0	96.0	390.0	2.14	13.0	49.0	1.0	2.0		12.0	
82	7715258	47.1993	-67.4492	0	0	1	9.0	18.0	76.0	140.0	1.79	11.0	44.0	1.0	2.0	1.5	12.0	
82	7715259	47.1976	-67.4495	0	0	1	8.0	15.0	54.0	120.0	1.37	8.0	30.0	.5	2.0		8.0	
82	7715260	47.1958	-67.4502	0	0	1	9.0	21.0	57.0	160.0	1.51	8.0	29.0	1.0	2.0		12.0	
82	7715261	47.1940	-67.4520	0	0	1	9.0	21.0	62.0	500.0	1.95	11.0	34.0	1.0	2.0	1.5	8.0	
82	7715262	47.1918	-67.4525	0	0	1	9.0	21.0	60.0	180.0	1.41	9.0	32.0	1.0	2.0		8.0	
82	7715263	47.1892	-67.4535	0	0	1	8.0	12.0	57.0	190.0	1.48	10.0	32.0	1.0	2.0		8.0	
82	7715264	47.1873	-67.4540	0	0	1	13.0	15.0	75.0	330.0	1.94	13.0	42.0	1.0	2.0	2.0	8.0	
82	7715265	47.1852	-67.4538	0	0	1	9.0	15.0	67.0	230.0	2.12	10.0	33.0	1.0	2.0		8.0	
82	7715266	47.1832	-67.4537	0	0	1	13.0	15.0	60.0	500.0	2.53	16.0	44.0	1.0	2.0		8.0	
82	7715267	47.1803	-67.4523	0	0	1	10.0	18.0	70.0	160.0	1.62	11.0	36.0	1.0	2.0	2.1	12.0	
82	7715268	47.1792	-67.4513	0	0	1	10.0	15.0	62.0	200.0	1.68	11.0	38.0	1.0	2.0		8.0	
82	7715269	47.1770	-67.4515	0	0	1	8.0	18.0	65.0	220.0	1.48	10.0	29.0	1.0	2.0		12.0	
82	7715270	47.1750	-67.4520	0	0	1	10.0	18.0	67.0	90.0	1.68	11.0	35.0	1.0	2.0	2.0	8.0	
82	7715271	47.1720	-67.4552	0	0	1	10.0	18.0	68.0	520.0	2.31	13.0	38.0	1.0	2.0		8.0	
82	7715272	47.1700	-67.4540	0	0	1	12.0	18.0	81.0	560.0	2.63	16.0	51.0	1.0	2.0		8.0	
82	7715273	47.1707	-67.4493	0	0	1	25.0	24.0	75.0	750.0	.79	11.0	26.0	2.0	2.0	6.5	12.0	
82	7715274	47.1822	-67.4430	0	0	1	13.0	21.0	109.0	490.0	2.00	13.0	38.0	1.0	2.0		12.0	
82	7715275	47.1818	-67.4465	0	0	1	14.0	24.0	136.0	780.0	1.92	14.0	40.0	1.0	2.0		12.0	
82	7715276	47.1817	-67.4502	0	0	1	9.0	19.0	66.0	530.0	1.89	12.0	38.0	1.0	2.0	2.2	8.0	
82	7715277	47.1833	-67.4407	0	0	1	16.0	11.0	74.0	270.0	1.23	10.0	35.0	1.0	2.0		12.0	
82	7715278	47.1854	-67.4380	0	0	1	12.0	22.0	104.0	940.0	1.55	12.0	35.0	1.0	2.0		12.0	
82	7715279	47.1875	-67.4360	0	0	1	18.0	25.0	66.0	860.0	2.05	14.0	45.0	1.0	2.0	1.6	4.0	
82	7715280	47.1807	-67.4862	0	0	1	19.0	21.0	62.0	560.0	2.82	20.0	68.0	1.0	2.0	2.2	16.0	
82	7715281	47.1832	-67.4850	0	0	1	17.0	18.0	62.0	410.0	2.48	17.0	60.0	1.0	2.0		16.0	
82	7715282	47.1855	-67.4840	0	0	1	15.0	15.0	55.0	540.0	2.25	16.0	52.0	1.0	2.0		16.0	
82	7715283	47.1870	-67.4832	0	0	1	18.0	18.0	65.0	420.0	2.25	16.0	53.0	1.0	2.0	1.6	16.0	
82	7715284	47.1887	-67.4816	0	0	1	14.0	18.0	65.0	480.0	2.31	16.0	55.0	1.0	2.0		12.0	
82	7715285	47.1903	-67.4808	0	0	1	16.0	15.0	54.0	460.0	2.29	17.0	58.0	1.0	2.0		16.0	
82	7715286	47.1916	-67.4802	0	0	1	14.0	18.0	84.0	610.0	2.25	15.0	50.0	1.0	2.0	1.5	16.0	
82	7715287	47.1930	-67.4795	0	0	1	13.0	15.0	67.0	300.0	2.32	13.0	54.0	1.0	2.0		16.0	
82	7715288	47.1948	-67.4793	0	0	1	13.0	18.0	65.0	400.0	2.32	16.0	55.0	1.0	2.0		20.0	
82	7715289	47.1960	-67.4782	0	0	1	15.0	18.0	73.0	640.0	2.50	17.0	60.0	1.0	2.0	2.3	20.0	
82	7715290	47.2395	-67.4935	0	0	1	9.0	22.0	48.0	400.0	1.76	12.0	48.0	1.0	2.0		12.0	
82	7715291	47.2353	-67.4965	0	0	1	19.0	28.0	81.0	730.0	2.53	18.0	70.0	1.0	2.0	3.0	12.0	
82	7715292	47.2363	-67.4995	0	0	1	15.0	22.0	58.0	330.0	2.25	15.0	86.0	1.0	2.0		8.0	
82	7715293	47.2408	-67.4991	0	0	1	17.0	5.0	56.0	350.0	2.20	16.0	87.0	1.0	2.0		12.0	
82	7715294	47.1395	-67.4817	0	0	1	13.0	25.0	53.0	270.0	1.35	12.0	44.0	1.0	2.0	2.2	12.0	
82	7715295	47.1433	-67.4837	0	0	1	13.0	26.0	50.0	550.0	2.50	18.0	53.0	1.0	2.0		8.0	
82	7715296	47.1440	-67.4865	0	0	1	12.0	19.0	48.0	210.0	1.30	10.0	35.0	1.0	2.0		12.0	
82	7715297	47.1445	-67.4892	0	0	1	14.0	19.0	52.0	300.0	1.57	10.0	37.0	1.0	2.0	2.2	16.0	
82	7715298	47.1450	-67.4921	0	0	1	11.0	19.0	50.0	350.0	1.48	10.0	35.0	1.0	2.0		12.0	
82	7715299	47.1455	-67.4950	0	0	1	17.0	29.0	50.0	1400.0	1.55	12.0	38.0	1.0	2.0		12.0	
82	7715300	47.1473	-67.4985	0	0	1	15.0	26.0	57.0	770.0	1.57	11.0	35.0	1.0	2.0	2.0	16.0	

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MAP SHEET 7715 21 O/3E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7715301	47.1445	-67.4992	0	0	1	18.0	35.0	74.0	770.0	3.07	20.0	67.0	1.0	2.0		12.0	
82	7715302	47.1491	-67.4985	0	0	1	14.0	26.0	52.0	600.0	1.48	10.0	35.0	1.0	2.0		12.0	
80	7715303	47.1349	-67.4884	0	0	1	23.0	26.0	62.0	1500.0	1.67	13.0	42.0	1.0	2.0	2.0	12.0	
82	7715304	47.1330	-67.4900	0	0	1	16.0	22.0	67.0	1000.0	1.21	8.0	29.0	1.0	2.0		12.0	
82	7715305	47.1364	-67.4885	0	0	1	13.0	19.0	12.0	150.0	.81	7.0	22.0	1.0	2.0		8.0	
82	7715306	47.1365	-67.4860	0	0	1	31.0	44.0	34.0	50.0	.63	8.0	29.0	2.0	2.0	5.5	8.0	
80	7715307	47.1382	-67.4840	0	0	1	15.0	25.0	60.0	220.0	1.15	10.0	33.0	1.0	2.0		8.0	
80	7715308	47.1275	-67.3884	0	0	1	14.0	34.0	120.0	3200.0	2.81	20.0	48.0	1.0	2.0	3.5	12.0	
82	7715309	47.1295	-67.3860	0	0	1	13.0	34.0	120.0	800.0	2.70	19.0	48.0	1.5	2.0		8.0	
82	7715310	47.1262	-67.3903	0	0	1	12.0	31.0	104.0	1900.0	2.44	17.0	45.0	1.0	2.0		16.0	
82	7715311	47.1264	-67.3930	0	0	1	12.0	28.0	87.0	850.0	2.86	17.0	49.0	1.0	2.0	3.8	16.0	
82	7715312	47.1255	-67.3950	0	0	1	7.0	19.0	75.0	1000.0	2.19	13.0	40.0	1.0	2.0		16.0	
82	7715313	47.1288	-67.3970	0	0	1	9.0	25.0	72.0	570.0	2.15	13.0	41.0	1.0	2.0		16.0	
82	7715314	47.1300	-67.3988	0	0	1	10.0	28.0	98.0	1300.0	2.45	15.0	42.0	1.0	2.0	2.5	12.0	
82	7715315	47.1313	-67.4001	0	0	1	8.0	25.0	87.0	1700.0	2.12	14.0	37.0	1.0	2.0		16.0	
82	7715316	47.1337	-67.4006	0	0	1	14.0	31.0	48.0	1100.0	1.12	7.0	21.0	1.5	2.0		16.0	
82	7715317	47.1350	-67.3992	0	0	1	10.0	25.0	75.0	610.0	1.91	12.0	37.0	1.0	2.0	3.0	16.0	
82	7715318	47.1343	-67.4030	0	0	1	11.0	28.0	86.0	1000.0	1.86	13.0	36.0	1.0	2.0		12.0	
82	7715319	47.1364	-67.4058	0	0	1	7.0	22.0	92.0	1100.0	2.08	14.0	37.0	1.0	2.0		16.0	
82	7715320	47.1405	-67.4085	0	0	1	7.0	25.0	91.0	920.0	2.08	14.0	37.0	1.0	2.0	1.7	12.0	
82	7715321	47.1455	-67.4093	0	0	1	10.0	22.0	107.0	720.0	2.18	18.0	44.0	1.0	2.0		16.0	
82	7715322	47.1525	-67.4075	0	0	1	6.0	22.0	80.0	1200.0	1.71	14.0	32.0	1.0	2.0	2.2	12.0	
82	7715323	47.1294	-67.3953	0	0	1	13.0	28.0	68.0	1600.0	2.02	15.0	40.0	1.0	2.0	5.3	20.0	
82	7715324	47.2053	-67.4098	0	0	1	15.0	25.0	54.0	550.0	2.36	14.0	52.0	1.0	2.0		16.0	
82	7715325	47.2045	-67.4080	0	0	1	27.0	31.0	68.0	590.0	1.20	10.0	42.0	2.0	2.0		16.0	
82	7715326	47.2037	-67.4058	0	0	1	12.0	28.0	73.0	790.0	1.89	11.0	25.0	1.0	2.0	2.3	16.0	
82	7715327	47.2022	-67.4040	0	0	1	13.0	38.0	61.0	970.0	.59	8.0	20.0	1.5	2.0		16.0	
82	7715328	47.2013	-67.4020	0	0	1	10.0	22.0	80.0	610.0	2.31	14.0	58.0	1.0	2.0		16.0	
82	7715329	47.1985	-67.4015	0	0	1	15.0	25.0	68.0	360.0	1.28	10.0	35.0	1.0	2.0	3.5	16.0	
82	7715330	47.1984	-67.3992	0	0	1	13.0	28.0	70.0	430.0	1.21	9.0	29.0	1.5	2.0		16.0	
82	7715331	47.1943	-67.3968	0	0	1	14.0	22.0	51.0	310.0	1.95	12.0	42.0	1.0	2.0	2.5	12.0	
82	7715332	47.1916	-67.3954	0	0	1	26.0	28.0	70.0	780.0	3.31	23.0	69.0	1.0	2.0		16.0	
82	7715333	47.1884	-67.3950	0	0	1	13.0	44.0	85.0	750.0	1.36	10.0	27.0	1.5	2.0		16.0	
82	7715334	47.1865	-67.3950	0	0	1	9.0	28.0	104.0	590.0	2.45	15.0	52.0	1.0	2.0	1.8	16.0	
82	7715335	47.1850	-67.3987	0	0	1	16.0	25.0	75.0	580.0	2.35	18.0	49.0	1.0	2.0		16.0	
82	7715336	47.1867	-67.4012	0	0	1	11.0	22.0	68.0	840.0	2.22	14.0	52.0	1.0	2.0	1.6	16.0	
82	7715337	47.1883	-67.4028	0	0	1	18.0	28.0	88.0	1200.0	2.47	16.0	52.0	1.5	2.0		16.0	
82	7715338	47.1894	-67.4048	0	0	1	19.0	28.0	116.0	1800.0	2.33	16.0	53.0	1.5	2.0	1.8	12.0	
82	7715339	47.1913	-67.4066	0	0	1	16.0	29.0	51.0	1300.0	1.75	14.0	42.0	1.0	2.0		16.0	
82	7715340	47.1860	-67.4135	0	0	1	17.0	31.0	90.0	1900.0	2.86	20.0	61.0	1.0	2.0		12.0	
82	7715341	47.1837	-67.4127	0	0	1	19.0	31.0	117.0	1200.0	2.61	18.0	59.0	1.0	2.0		12.0	
82	7715342	47.1818	-67.4120	0	0	1	16.0	22.0	51.0	420.0	2.46	14.0	53.0	1.0	2.0	1.8	12.0	
82	7715343	47.1798	-67.4112	0	0	1	17.0	28.0	61.0	1300.0	2.73	16.0	56.0	1.0	2.0		12.0	
82	7715344	47.1782	-67.4100	0	0	1	17.0	28.0	92.0	1800.0	3.25	21.0	69.0	1.0	2.0	1.5	20.0	
82	7715345	47.1770	-67.4068	0	0	1	10.0	25.0	80.0	610.0	1.96	16.0	44.0	1.0	2.0		8.0	
82	7715346	47.1786	-67.4016	0	0	1	9.0	22.0	87.0	640.0	2.05	16.0	41.0	1.0	2.0	2.6	16.0	
82	7715347	47.1800	-67.4045	0	0	1	9.0	22.0	73.0	450.0	1.81	14.0	40.0	1.0	2.0		12.0	
82	7715348	47.1818	-67.4038	0	0	1	9.0	22.0	70.0	710.0	1.94	15.0	41.0	1.0	2.0		12.0	
82	7715349	47.1838	-67.4022	0	0	1	10.0	28.0	90.0	780.0	1.90	16.0	43.0	1.0	2.0		8.0	
82	7715350	47.1776	-67.3998	0	0	1	8.0	25.0	107.0	710.0	1.95	16.0	41.0	1.0	2.0	2.1	12.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7715 21 O/3E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7715351	47.1755	-67.3998	0	0	1	14.0	31.0	112.0	820.0	1.67	14.0	37.0	1.0	2.0		4.0	
82	7715352	47.1735	-67.4000	0	0	1	12.0	24.0	119.0	440.0	2.35	19.0	39.0	1.0	2.0		8.0	
82	7715353	47.1765	-67.3960	0	0	1	18.0	31.0	128.0	1260.0	2.21	15.0	30.0	1.0	2.0		12.0	
82	7715354	47.1737	-67.4145	0	0	1	9.0	16.0	65.0	320.0	1.84	13.0	42.0	.5	2.0	1.8	8.0	
82	7715355	47.1035	-67.3910	0	0	1	10.0	25.0	82.0	980.0	2.10	18.0	45.0	1.0	2.0	2.7	12.0	
82	7715356	47.1850	-67.3928	0	0	1	11.0	28.0	83.0	1200.0	2.43	18.0	47.0	1.0	2.0		16.0	
82	7715357	47.1862	-67.3925	0	0	1	14.0	31.0	134.0	1400.0	2.29	17.0	45.0	1.0	2.0		12.0	
82	7715358	47.1872	-67.3906	0	0	1	9.0	25.0	119.0	2800.0	2.45	18.0	48.0	1.0	2.0	2.8	16.0	
82	7715359	47.1880	-67.3891	0	0	1	10.0	28.0	122.0	1500.0	2.42	18.0	47.0	1.0	2.0		12.0	
82	7715360	47.1892	-67.3862	0	0	1	8.0	25.0	78.0	1100.0	1.95	16.0	39.0	.5	2.0		12.0	
82	7715361	47.1632	-67.4110	0	0	1	10.0	28.0	87.0	1400.0	2.73	18.0	50.0	1.0	2.0	2.7	12.0	
82	7715362	47.1635	-67.4130	0	0	1	10.0	25.0	49.0	2000.0	2.39	16.0	37.0	1.0	2.0		12.0	
82	7715363	47.1638	-67.4160	0	0	1	10.0	25.0	54.0	1600.0	2.61	16.0	45.0	1.0	2.0		12.0	
82	7715364	47.1654	-67.4178	0	0	1	9.0	22.0	60.0	580.0	2.01	14.0	42.0	1.0	2.0	1.7	8.0	
82	7715365	47.1655	-67.4205	0	0	1	9.0	22.0	61.0	500.0	2.08	14.0	41.0	1.0	2.0		8.0	
82	7715366	47.1633	-67.4225	0	0	1	9.0	22.0	60.0	600.0	2.01	14.0	43.0	.5	2.0		8.0	
82	7715367	47.1610	-67.4233	0	0	1	8.0	22.0	58.0	480.0	1.89	13.0	40.0	1.0	2.0	2.5	8.0	
82	7715368	47.1585	-67.4233	0	0	1	8.0	22.0	56.0	440.0	1.87	12.0	37.0	.5	2.0		16.0	
82	7715369	47.1565	-67.4248	0	0	1	9.0	19.0	58.0	340.0	1.83	14.0	42.0	.5	2.0		8.0	
82	7715370	47.1540	-67.4225	0	0	1	8.0	16.0	68.0	750.0	1.97	13.0	37.0	1.0	2.0	2.0	12.0	
82	7715371	47.1525	-67.4202	0	0	1	6.0	19.0	68.0	1000.0	2.12	14.0	40.0	.5	2.0		12.0	
82	7715372	47.1490	-67.4190	0	0	1	7.0	16.0	77.0	900.0	1.80	13.0	38.0	1.0	2.0		16.0	
82	7715373	47.1460	-67.4198	0	0	1	9.0	22.0	104.0	1300.0	2.19	15.0	44.0	1.0	2.0	3.0	4.0	
82	7715374	47.1525	-67.3890	0	0	1	10.0	22.0	54.0	590.0	2.08	15.0	44.0	1.0	2.0		16.0	
82	7715375	47.1585	-67.4165	0	0	1	11.0	22.0	102.0	1500.0	2.14	15.0	47.0	1.0	2.0		12.0	
82	7715376	47.1588	-67.4195	0	0	1	11.0	22.0	82.0	930.0	2.08	13.0	44.0	1.0	2.0	3.0	16.0	
82	7715377	47.1575	-67.4215	0	0	1	9.0	22.0	75.0	1300.0	1.95	13.0	41.0	1.0	2.0		12.0	
82	7715378	47.1612	-67.4085	0	0	1	11.0	25.0	112.0	1800.0	2.46	18.0	50.0	1.0	2.0		4.0	
82	7715379	47.1660	-67.4095	0	0	1	20.0	38.0	131.0	3200.0	2.67	20.0	55.0	1.5	2.0	3.8	4.0	
82	7715380	47.1655	-67.4118	0	0	1	10.0	22.0	68.0	1200.0	2.35	14.0	40.0	1.0	2.0		8.0	
82	7715381	47.1660	-67.4145	0	0	1	8.0	31.0	58.0	230.0	1.20	10.0	27.0	1.5	2.0		12.0	
82	7715382	47.1672	-67.4160	0	0	1	12.0	22.0	71.0	550.0	2.25	16.0	52.0	1.0	2.0	2.2	8.0	
82	7715383	47.1685	-67.4180	0	0	1	10.0	19.0	73.0	520.0	2.14	16.0	49.0	1.0	2.0		12.0	
82	7715384	47.1708	-67.4172	0	0	1	8.0	19.0	66.0	290.0	1.85	12.0	43.0	.5	2.0		12.0	
82	7715385	47.1725	-67.4172	0	0	1	10.0	18.0	73.0	460.0	2.25	15.0	47.0	1.0	2.0	1.7	8.0	
82	7715386	47.1735	-67.4193	0	0	1	15.0	22.0	77.0	1400.0	2.09	13.0	50.0	1.0	2.0		8.0	
82	7715387	47.1750	-67.4215	0	0	1	16.0	28.0	99.0	1300.0	2.71	16.0	53.0	1.0	2.0		8.0	
82	7715388	47.1756	-67.4238	0	0	1	18.0	25.0	102.0	1400.0	2.84	17.0	57.0	1.0	2.0		4.0	
82	7715389	47.2444	-67.4863	0	0	1	12.0	22.0	109.0	540.0	2.37	19.0	69.0	1.0	2.0	6.0	20.0	
82	7715389	47.2444	-67.4863	0	0	1	12.0	22.0	109.0	540.0	2.37	19.0	69.0	1.0	2.0	6.0	20.0	

21 O/3E
1. STATISTICS 1

PAGE 2 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7715 21 0/3E

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 ************
 * COPPER   *                                MAXIMUM        34.0000000
 ************                                MINIMUM         5.0000000
                                             RANGE          29.0000000
VARIABLE NUMBER . . . . . . .       2        VARIANCE       19.8197632
NUMBER OF DISTINCT VALUES .        26        ST.DEV.         4.4519405
NUMBER OF VALUES COUNTED. .       389        (Q3-Q1)/2       3.5000000
NUMBER OF VALUES NOT COUNTED        0        MX.ST.SC.       4.54
                                             MN.ST.SC.      -1.97

LOCATION ESTIMATES                              ST.ERROR
               MEAN            13.7737789       0.2257223
               MEDIAN          13.0000000       0.0
               MODE            13.0000000

                     H
                     H
                   H H
                   H H                      EACH 'H'
                   HHHHH HH                 REPRESENTS
                   HHHHH HH                     7
                   HHHHHHHH                 COUNT(S)
                   HHHHHHHH
                  HHHHHHHHHHH
                 HHHHHHHHHHHHHHHHH H H
               L-------------------------U

               EACH '-' ABOVE =        1.5000
                              L=       1.5000
                              U=      39.0000
          CASE NO. OF MIN. VAL. =  83
          CASE NO. OF MAX. VAL. = 211

                                                     Q1=   10.0000000
                          VALUE     VALUE/S.E.       Q3=   17.0000000
          SKEWNESS         0.86           6.93       S-=    9.3218384
          KURTOSIS         1.34           5.39       S+=   18.2257080

                                      EACH '.' BELOW =      0.2500
                 S Q                        Q    S
   M             - 1           M  M         3    +                                            M
   I...........................E..E.............................................................A
   N                           D  A                                                            X
                               I  N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
5.	1	0.3	0.3	12.	40	10.3	44.0	19.	15	3.9	91.3	26.	1	0.3	98.5
6.	4	1.0	1.3	13.	41	10.5	54.5	20.	9	2.3	93.6	27.	3	0.8	99.2
7.	9	2.3	3.6	14.	25	6.4	60.9	21.	8	2.1	95.6	30.	1	0.3	99.5
8.	20	5.1	8.7	15.	16	4.1	65.0	22.	3	0.8	96.4	31.	1	0.3	99.7
9.	33	8.5	17.2	16.	27	6.9	72.0	23.	5	1.3	97.7	34.	1	0.3	100.0
10.	39	10.0	27.2	17.	36	9.3	81.2	24.	1	0.3	97.9				
11.	25	6.4	33.7	18.	24	6.2	87.4	25.	1	0.3	98.2				

****
* LEAD *
****

VARIABLE NUMBER	3	MAXIMUM	44.0000000
NUMBER OF DISTINCT VALUES	29	MINIMUM	5.0000000
NUMBER OF VALUES COUNTED	389	RANGE	39.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	28.8893585
		ST.DEV.	5.3748827
		(Q3-Q1)/2	3.5000000
		MX.ST.SC.	3.77
		MN.ST.SC.	-3.48

LOCATION ESTIMATES

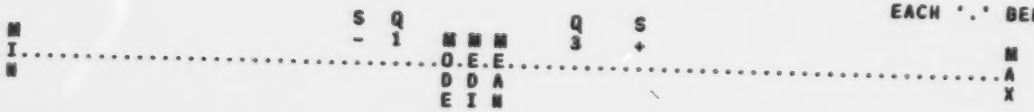
		ST.ERROR
MEAN	23.7274933	0.2725173
MEDIAN	23.0000000	
MODE	22.0000000	0.5773506

EACH '-' ABOVE = 2.0000
L= 0.0
U= 50.0000
CASE NO. OF MIN. VAL. = 293
CASE NO. OF MAX. VAL. = 306

	VALUE	VALUE/S.E.
SKEWNESS	0.47	3.80
KURTOSIS	0.80	3.23

Q1= 20.0000000
Q3= 27.0000000
S-= 18.3526001
S+= 29.1023712

EACH '.' BELOW = 0.5000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
8.	1	0.3	0.3	19.	19	4.9	21.3	27.	27	6.9	77.1	35.	1	0.3	98.5
11.	1	0.3	0.5	20.	24	6.2	27.5	28.	28	7.2	84.3	36.	1	0.3	98.7
12.	2	0.5	1.0	21.	32	8.2	35.7	29.	2	0.5	84.8	38.	2	0.5	99.2
14.	1	0.3	1.3	22.	42	10.8	46.5	30.	7	1.8	86.6	42.	1	0.3	99.5
15.	16	4.1	5.4	23.	16	4.1	50.6	31.	26	6.7	93.3	44.	2	0.5	100.0
16.	7	1.8	7.2	24.	36	9.3	59.9	32.	1	0.3	93.6				
17.	3	0.8	8.0	25.	35	9.0	68.9	33.	3	0.8	94.3				
18.	33	8.5	16.5	26.	5	1.3	70.2	34.	15	3.9	98.2				

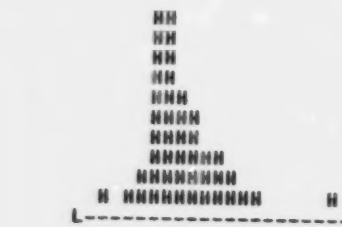
****
* ZINC *
****

VARIABLE NUMBER	4
NUMBER OF DISTINCT VALUES .	84
NUMBER OF VALUES COUNTED. .	389
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	218.0000000
MINIMUM	12.0000000
RANGE	206.0000000
VARIANCE	473.7482910
ST.DEV.	21.7657623
(Q3-Q1)/2	12.0000000
MX.ST.SC.	6.61
MN.ST.SC.	-2.63

LOCATION ESTIMATES

		ST.ERROR
MEAN	74.1079559	1.1035671
MEDIAN	68.0000000	0.8660258
MODE	NOT UNIQUE	



EACH '-' ABOVE = 10.0000
L= 0.0
U= 249.9999
CASE NO. OF MIN. VAL. = 305
CASE NO. OF MAX. VAL. = 208

	VALUE	VALUE/S.E.
SKEWNESS	1.74	14.03
KURTOSIS	6.50	26.17

Q1= 59.0000000
Q3= 83.0000000
S-= 52.3421936
S+= 95.8737183

EACH '.' BELOW = 2.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
12.	1	0.3	0.3	62.	10	2.6	33.4	83.	4	1.0	75.1	105.	1	0.3	90.5
34.	1	0.3	0.5	63.	6	1.5	35.0	84.	4	1.0	76.1	106.	1	0.3	90.7
35.	1	0.3	0.8	64.	5	1.3	36.2	85.	3	0.8	76.9	107.	4	1.0	91.8
39.	1	0.3	1.0	65.	17	4.4	40.6	86.	2	0.5	77.4	109.	6	1.5	93.3
41.	1	0.3	1.3	66.	12	3.1	43.7	87.	6	1.5	78.9	112.	3	0.8	94.1
45.	1	0.3	1.5	67.	16	4.1	47.8	88.	5	1.3	80.2	113.	1	0.3	94.3
46.	1	0.3	1.8	68.	13	3.3	51.2	89.	4	1.0	81.2	114.	1	0.3	94.6
48.	5	1.3	3.1	69.	4	1.0	52.2	90.	3	0.8	82.0	116.	1	0.3	94.9
49.	3	0.8	3.9	70.	10	2.6	54.8	91.	3	0.8	82.8	117.	4	1.0	95.9
50.	5	1.3	5.1	71.	7	1.8	56.6	92.	3	0.8	83.5	119.	3	0.8	96.7
51.	5	1.3	6.4	72.	1	0.3	56.8	93.	1	0.3	83.8	120.	3	0.8	97.4
52.	7	1.8	8.2	73.	11	2.8	59.6	94.	4	1.0	84.8	122.	1	0.3	97.7
53.	5	1.3	9.5	74.	8	2.1	61.7	95.	2	0.5	85.3	123.	1	0.3	97.9
54.	8	2.1	11.6	75.	15	3.9	65.6	96.	2	0.5	85.9	127.	1	0.3	98.2
55.	8	2.1	13.6	76.	3	0.8	66.3	97.	2	0.5	86.4	131.	1	0.3	98.5
56.	7	1.8	15.4	77.	5	1.3	67.6	98.	1	0.3	86.6	132.	1	0.3	98.7
57.	15	3.9	19.3	78.	5	1.3	68.9	99.	2	0.5	87.1	134.	1	0.3	99.0
58.	17	4.4	23.7	79.	3	0.8	69.7	100.	2	0.5	87.7	136.	1	0.3	99.2
59.	6	1.5	25.2	80.	6	1.5	71.2	102.	4	1.0	88.7	139.	1	0.3	99.5
60.	15	3.9	29.0	81.	3	0.8	72.0	103.	2	0.5	89.2	192.	1	0.3	99.7
61.	7	1.8	30.8	82.	8	2.1	74.0	104.	4	1.0	90.2	218.	1	0.3	100.0

```
************
* MANGANES *
************

VARIABLE NUMBER . . . . . . .          5        MAXIMUM        6900.0000000
NUMBER OF DISTINCT VALUES .          109        MINIMUM          50.0000000
NUMBER OF VALUES COUNTED. .          389        RANGE          6850.0000000
NUMBER OF VALUES NOT COUNTED           0        VARIANCE     468415.2500000
                                                ST.DEV.         684.4086914
                                                (Q3-Q1)/2       235.0000000
                                                MX.ST.SC.         9.01
                                                MN.ST.SC.        -0.99

LOCATION ESTIMATES
                                                ST.ERROR
              MEAN            730.4626465      34.7008820
              MEDIAN          540.0000000      23.0940094
              MODE            420.0000000

      H
      H
      H
      H
      H                                   EACH 'H'
     HH                                  REPRESENTS
     HHH                                     17
     HHHH                                 COUNT(S)
     HHHHH
     HHHHHHHHHHH  H H      H
    L------------------------U

      EACH '-' ABOVE =      300.0000
                    L=        0.0
                    U=     7500.0000
   CASE NO. OF MIN. VAL. =  306
   CASE NO. OF MAX. VAL. =  214

                                                    Q1=  360.0000000
                      VALUE     VALUE/S.E.          Q3=  830.0000000
   SKEWNESS            3.73         30.02           S-=   46.0539551
   KURTOSIS           21.84         87.94           S+= 1414.8713379

      EACH '.' BELOW =      75.0000

S   Q     Q       S
M   1MM   M3      +
I....DE..E.............................................................M
N    DD   A                                                            A
     EI   N                                                            X
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
50.	1	0.3	0.3
60.	1	0.3	0.5
90.	2	0.5	1.0
110.	1	0.3	1.3
120.	2	0.5	1.8
140.	1	0.3	2.1
150.	1	0.3	2.3
160.	3	0.8	3.1
170.	4	1.0	4.1
180.	7	1.8	5.9
190.	3	0.8	6.7
200.	3	0.8	7.5
210.	6	1.5	9.0
220.	4	1.0	10.0
230.	3	0.8	10.8
240.	2	0.5	11.3
250.	4	1.0	12.3
260.	2	0.5	12.9
270.	7	1.8	14.7
280.	3	0.8	15.4
290.	6	1.5	17.0
300.	3	0.8	17.7
310.	5	1.3	19.0

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
370.	3	0.8	27.0
380.	1	0.3	27.2
390.	3	0.8	28.0
400.	9	2.3	30.3
410.	4	1.0	31.4
420.	12	3.1	34.4
430.	8	2.1	36.5
440.	6	1.5	38.0
450.	6	1.5	39.6
460.	8	2.1	41.6
470.	7	1.8	43.4
480.	3	0.8	44.2
490.	6	1.5	45.8
500.	4	1.0	46.8
510.	3	0.8	47.6
520.	2	0.5	48.1
530.	5	1.3	49.4
540.	5	1.3	50.6
550.	8	2.1	52.7
560.	6	1.5	54.2
570.	6	1.5	55.8
580.	2	0.5	56.3
590.	7	1.8	58.1

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
650.	3	0.8	64.5
660.	3	0.8	65.3
680.	2	0.5	65.8
690.	2	0.5	66.3
700.	3	0.8	67.1
710.	3	0.8	67.9
720.	2	0.5	68.4
730.	1	0.3	68.6
740.	1	0.3	68.9
750.	7	1.8	70.7
770.	4	1.0	71.7
780.	6	1.5	73.3
790.	1	0.3	73.5
800.	3	0.8	74.3
810.	1	0.3	74.6
820.	1	0.3	74.8
830.	1	0.3	75.1
840.	1	0.3	75.3
850.	2	0.5	75.8
860.	2	0.5	76.3
880.	1	0.3	76.6
900.	1	0.3	76.9
910.	2	0.5	77.4

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
990.	3	0.8	79.7
1000.	7	1.8	81.5
1100.	10	2.6	84.1
1200.	9	2.3	86.4
1260.	1	0.3	86.6
1300.	9	2.3	88.9
1400.	7	1.8	90.7
1500.	7	1.8	92.5
1600.	3	0.8	93.3
1700.	4	1.0	94.3
1800.	3	0.8	95.1
1900.	3	0.8	95.9
2000.	1	0.3	96.1
2200.	1	0.3	96.4
2300.	1	0.3	96.7
2400.	2	0.5	97.2
2700.	1	0.3	97.4
2800.	1	0.3	97.7
3000.	1	0.3	97.9
3100.	1	0.3	98.2
3200.	2	0.5	98.7
3300.	2	0.5	99.2
4000.	1	0.3	99.5

320.	5	1.3	20.3	600.	7	1.8	59.3	920.	1	0.3	77.6	4700.	1	0.3	99.7
330.	4	1.0	21.3	610.	6	1.5	61.4	930.	1	0.3	77.9	6900.	1	0.3	100.0
340.	4	1.0	22.4	620.	2	0.5	62.0	940.	1	0.3	78.1				
350.	9	2.3	24.7	630.	5	1.3	63.2	970.	1	0.3	78.4				
360.	6	1.5	26.2	640.	2	0.5	63.8	980.	2	0.5	78.9				

PAGE 6 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7715 21 0/3E

```
*************
* IRONPCNT *
*************                                          MAXIMUM        9.4399996
                                                       MINIMUM        0.6000000
                                                       RANGE          8.8399992                              H
VARIABLE NUMBER . . . . . .          6                 VARIANCE       0.3868112                              H
NUMBER OF DISTINCT VALUES .        167                 ST.DEV.        0.6219415                              H
NUMBER OF VALUES COUNTED. .        309                 (Q3-Q1)/2      0.3549995                              HH                     EACH 'H'
NUMBER OF VALUES NOT COUNTED         0                 MX.ST.SC.     11.79                                   HH                    REPRESENTS
                                                       MN.ST.SC.     -2.42                                   HHH                       16
                                                                                                             HHH                    COUNT(S)
LOCATION ESTIMATES                                          ST.ERROR                                        HHHH
                    MEAN                  2.1075020         0.0315337                                       HHHH
                    MEDIAN                2.1299992         0.0317545                                      HHHHHHH          H
                    MODE                  2.0899992                                                       L------------------------U

                                                                                                            EACH '-' ABOVE =       0.5000
                                                                                                                          L=       0.0
                                                                                                                          U=      12.5000
                                                                                                      CASE NO. OF MIN. VAL. =  327
                                                                                                      CASE NO. OF MAX. VAL. =  200

                                                                                                                                  Q1=     1.7500000
                                                                                                       VALUE    VALUE/S.E.        Q3=     2.4599991
                                                                                   SKEWNESS             4.02         32.36        S-=     1.4855604
                                                                                   KURTOSIS            47.91        192.89        S+=     2.7294426

                                                                                                         EACH '.' BELOW =         0.0750
               S   Q         Q   S
     M         -   1    MM   3   +                                                                                                        M
     I..................DE........................................................................................................A
     N                  DA                                                                                                               X
                        EN
```

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.6000	1	0.3	0.3	1.6500	1	0.3	20.1	2.1000	3	0.8	47.0	2.5400	5	1.3	81.7
0.6400	1	0.3	0.5	1.6600	1	0.3	20.3	2.1100	8	2.1	49.1	2.5500	1	0.3	82.0
0.8000	1	0.3	0.8	1.6700	1	0.3	20.6	2.1200	1	0.3	49.4	2.5600	3	0.8	82.8
0.8200	1	0.3	1.0	1.6800	4	1.0	21.6	2.1300	5	1.3	50.6	2.5700	1	0.3	83.0
0.8600	1	0.3	1.3	1.6900	5	1.3	22.9	2.1400	2	0.5	51.2	2.5800	4	1.0	84.1
0.8800	1	0.3	1.5	1.7100	1	0.3	23.1	2.1500	5	1.3	52.4	2.5900	2	0.5	84.6
0.9200	1	0.3	1.8	1.7200	2	0.5	23.7	2.1600	1	0.3	52.7	2.6000	4	1.0	85.6
0.9700	1	0.3	2.1	1.7300	1	0.3	23.9	2.1700	1	0.3	53.0	2.6100	1	0.3	85.9
1.0300	1	0.3	2.3	1.7400	3	0.8	24.7	2.1800	1	0.3	53.2	2.6200	4	1.0	86.9
1.1300	1	0.3	2.6	1.7500	2	0.5	25.2	2.1900	1	0.3	53.5	2.6300	4	1.0	87.9
1.1600	2	0.5	3.1	1.7600	2	0.5	25.7	2.2000	5	1.3	54.8	2.6400	2	0.5	88.4
1.1800	1	0.3	3.3	1.7700	1	0.3	26.0	2.2100	4	1.0	55.8	2.6500	1	0.3	88.7
1.2100	2	0.5	3.9	1.7900	2	0.5	26.5	2.2200	2	0.5	56.3	2.6600	3	0.8	89.5
1.2200	2	0.5	4.4	1.8000	3	0.8	27.2	2.2300	3	0.8	57.1	2.6800	3	0.8	90.2
1.2300	2	0.5	4.9	1.8100	1	0.3	27.5	2.2400	3	0.8	57.8	2.6900	2	0.5	90.7
1.2400	3	0.8	5.7	1.8200	2	0.5	28.0	2.2500	4	1.0	58.9	2.7000	2	0.5	91.3
1.2700	1	0.3	5.9	1.8300	4	1.0	29.0	2.2600	7	1.8	60.7	2.7100	2	0.5	91.8
1.2800	2	0.5	6.4	1.8400	4	1.0	30.1	2.2700	2	0.5	61.2	2.7200	1	0.3	92.0
1.2900	1	0.3	6.7	1.8500	3	0.8	30.8	2.2800	2	0.5	61.7	2.7300	2	0.5	92.5
1.3000	1	0.3	6.9	1.8600	3	0.8	31.6	2.2900	3	0.8	62.5	2.7400	3	0.8	93.3
1.3100	3	0.8	7.7	1.8700	1	0.3	31.9	2.3000	5	1.3	63.8	2.7700	1	0.3	93.6
1.3300	3	0.8	8.5	1.8800	1	0.3	32.1	2.3100	1	0.3	64.0	2.7800	1	0.3	93.8
1.3500	1	0.3	8.7	1.8900	1	0.3	32.4	2.3200	5	1.3	65.3	2.8100	2	0.5	94.3

1.3600	3	0.8	9.5	1.9000	4	1.0	33.4	2.3300	3	0.8	66.1	2.8200	2	0.5	94.9
1.3700	2	0.5	10.0	1.9100	3	0.8	34.2	2.3400	5	1.3	67.4	2.8300	2	0.5	95.4
1.3800	2	0.5	10.5	1.9200	2	0.5	34.7	2.3500	3	0.8	68.1	2.8400	1	0.3	95.6
1.3900	1	0.3	10.8	1.9300	2	0.5	35.2	2.3600	6	1.5	69.7	2.8500	1	0.3	95.9
1.4000	1	0.3	11.1	1.9400	4	1.0	36.2	2.3700	4	1.0	70.7	2.8600	1	0.3	96.1
1.4200	2	0.5	11.6	1.9500	2	0.5	36.8	2.3800	3	0.8	71.5	2.8700	3	0.8	96.9
1.4500	1	0.3	11.8	1.9600	5	1.3	38.0	2.4000	2	0.5	72.0	2.8900	1	0.3	97.2
1.4600	3	0.8	12.6	1.9700	2	0.5	38.6	2.4200	1	0.3	72.2	2.9300	1	0.3	97.4
1.4700	1	0.3	12.9	1.9800	2	0.5	39.1	2.4300	4	1.0	73.3	2.9400	1	0.3	97.7
1.4900	5	1.3	14.1	1.9900	2	0.5	39.6	2.4400	2	0.5	73.8	2.9500	1	0.3	97.9
1.5000	1	0.3	14.4	2.0000	1	0.3	39.8	2.4500	3	0.8	74.6	3.0100	1	0.3	98.2
1.5200	3	0.8	15.2	2.0100	1	0.3	40.1	2.4600	4	1.0	75.6	3.0300	1	0.3	98.5
1.5400	1	0.3	15.4	2.0200	2	0.5	40.6	2.4700	4	1.0	76.6	3.0800	1	0.3	98.7
1.5600	4	1.0	16.5	2.0300	3	0.8	41.4	2.4800	3	0.8	77.4	3.1900	1	0.3	99.0
1.5800	7	1.8	18.3	2.0400	2	0.5	41.9	2.4900	3	0.8	78.1	3.2600	1	0.3	99.2
1.6000	2	0.5	18.8	2.0600	4	1.0	42.9	2.5000	2	0.5	78.7	3.3200	1	0.3	99.5
1.6100	1	0.3	19.0	2.0700	2	0.5	43.4	2.5100	3	0.8	79.4	3.8000	1	0.3	99.7
1.6200	2	0.5	19.5	2.0800	2	0.5	44.0	2.5200	2	0.5	79.9	9.4400	1	0.3	100.0
1.6300	1	0.3	19.8	2.0900	9	2.3	46.3	2.5300	2	0.5	80.5				

****
* COBALT *
****

VARIABLE NUMBER	7	MAXIMUM	45.0000000
NUMBER OF DISTINCT VALUES .	21	MINIMUM	4.0000000
NUMBER OF VALUES COUNTED. .	389	RANGE	41.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	15.1219320
		ST.DEV.	3.8886929
		(Q3-Q1)/2	2.5000000
		MX.ST.SC.	7.68
		MN.ST.SC.	-2.86

LOCATION ESTIMATES

		ST.ERROR
MEAN	15.1208220	0.1971645
MEDIAN	15.0000000	0.5773506
MODE	16.0000000	

EACH '-' ABOVE = 2.0000
L= 0.0
U= 50.0000
CASE NO. OF MIN. VAL. = 171
CASE NO. OF MAX. VAL. = 57

	VALUE	VALUE/S.E.
SKEWNESS	1.19	9.60
KURTOSIS	7.89	31.75

Q1= 13.0000000
Q3= 18.0000000
S-= 11.2321291
S+= 19.0095062

EACH '.' BELOW = 0.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
4.	1	0.3	0.3	12.	30	7.7	24.4	18.	36	9.3	82.5	24.	2	0.5	99.5
7.	2	0.5	0.8	13.	40	10.3	34.7	19.	27	6.9	89.5	25.	1	0.3	99.7
8.	8	2.1	2.8	14.	51	13.1	47.8	20.	13	3.3	92.8	45.	1	0.3	100.0
9.	7	1.8	4.6	15.	20	5.1	53.0	21.	12	3.1	95.9				
10.	26	6.7	11.3	16.	52	13.4	66.3	22.	6	1.5	97.4				
11.	21	5.4	16.7	17.	27	6.9	73.3	23.	6	1.5	99.0				

PAGE 8 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7715 21 0/3E

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*************
* NICKEL    *
*************                             MAXIMUM      155.0000000
                                          MINIMUM       16.0000000
                                          RANGE        139.0000000                    N
VARIABLE NUMBER . . . . . .      8        VARIANCE     412.7065430                    N
NUMBER OF DISTINCT VALUES .     82        ST.DEV.       20.3151855                    N
NUMBER OF VALUES COUNTED. .    389        (Q3-Q1)/2     12.0000000                    N                 EACH 'N'
NUMBER OF VALUES NOT COUNTED     0        MX.ST.SC.      5.03                        NNN                REPRESENTS
                                          MN.ST.SC.     -1.81                        NNNN                   10
                                                                                     NNNNNN              COUNT(S)
LOCATION ESTIMATES                           ST.ERROR                               NNNNNNN
                   MEAN          52.7480621     1.0300207                           NNNNNNNNN
                   MEDIAN        48.0000000     1.4433756                          NNNNNNNNNNNNNNNNNN N
                   MODE          35.0000000                                   L-------------------------U

                                                                               EACH '-' ABOVE =      7.5000
                                                                                             L=      0.0
                                                                                             U=    187.4999
                                                                          CASE NO. OF MIN. VAL. =  229
                                                                          CASE NO. OF MAX. VAL. =   91

                                                                                                   Q1=  39.0000000
                                                                         VALUE   VALUE/S.E.        Q3=  63.0000000
                                                        SKEWNESS          1.59      12.77          S-=  32.4328766
                                                        KURTOSIS          3.89      15.65          S+=  73.0632477

                                                                               EACH '.' BELOW =      1.5000
                       S   Q              Q       S
           M           - M 1     M   M    3       +                                                        M
           I...........O.......E...E.............................................................A
           N           D       D   A                                                        .      X
                       E       I   N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
16.	1	0.3	0.3	41.	9	2.3	32.4	62.	2	0.5	74.0	84.	1	0.3	93.6
20.	1	0.3	0.5	42.	15	3.9	36.2	63.	8	2.1	76.1	85.	4	1.0	94.6
21.	1	0.3	0.8	43.	11	2.8	39.1	64.	2	0.5	76.6	86.	1	0.3	94.9
22.	1	0.3	1.0	44.	13	3.3	42.4	65.	6	1.5	78.1	87.	1	0.3	95.1
23.	1	0.3	1.3	45.	13	3.3	45.8	66.	3	0.8	78.9	88.	2	0.5	95.6
25.	3	0.8	2.1	46.	4	1.0	46.8	67.	5	1.3	80.2	91.	1	0.3	95.9
26.	4	1.0	3.1	47.	7	1.8	48.6	68.	7	1.8	82.0	92.	2	0.5	96.4
27.	3	0.8	3.9	48.	11	2.8	51.4	69.	8	2.1	84.1	95.	1	0.3	96.7
28.	1	0.3	4.1	49.	6	1.5	53.0	70.	3	0.8	84.8	99.	1	0.3	96.9
29.	7	1.8	5.9	50.	13	3.3	56.3	71.	4	1.0	85.9	105.	1	0.3	97.2
30.	4	1.0	6.9	51.	4	1.0	57.3	72.	3	0.8	86.6	109.	2	0.5	97.7
31.	5	1.3	8.2	52.	10	2.6	59.9	73.	5	1.3	87.9	112.	1	0.3	97.9
32.	5	1.3	9.5	53.	6	1.5	61.4	74.	5	1.3	89.2	116.	1	0.3	98.2
33.	7	1.8	11.3	54.	6	1.5	63.0	75.	2	0.5	89.7	122.	2	0.5	98.7
34.	2	0.5	11.8	55.	4	1.0	64.0	76.	2	0.5	90.2	129.	1	0.3	99.0
35.	16	4.1	15.9	56.	4	1.0	65.0	78.	1	0.3	90.5	133.	1	0.3	99.2
36.	3	0.8	16.7	57.	8	2.1	67.1	79.	2	0.5	91.0	136.	1	0.3	99.5
37.	13	3.3	20.1	58.	7	1.8	68.9	80.	2	0.5	91.5	141.	1	0.3	99.7
38.	14	3.6	23.7	59.	6	1.5	70.4	81.	3	0.8	92.3	155.	1	0.3	100.0
39.	11	2.8	26.5	60.	4	1.0	71.5	82.	2	0.5	92.8				
40.	14	3.6	30.1	61.	8	2.1	73.5	83.	2	0.5	93.3				

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PAGE   9  BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES  INCLUDES ALL SAMPLES FOR MAP SHEET  7715 21 0/3E

 *************
 * SILVER    *                      MAXIMUM         2.0000000
 *************                      MINIMUM         0.5000000
                                    RANGE           1.5000000                              H
VARIABLE NUMBER . . . . . . .    9  VARIANCE        0.0442583                              H
NUMBER OF DISTINCT VALUES .      4  ST.DEV.         0.2103766                              H
NUMBER OF VALUES COUNTED. .    389  (Q3-Q1)/2       0.0                                    H            EACH 'H'
NUMBER OF VALUES NOT COUNTED     0  MX.ST.SC.       4.59                                   H           REPRESENTS
                                    MN.ST.SC.      -2.44                                   H               35
                                                                                           H            COUNT(S)
LOCATION ESTIMATES                     ST.ERROR                                            H
                  MEAN         1.0141382     0.0106665                                     H
                  MEDIAN       1.0000000     0.0                                   H       H      H    H
                  MODE         1.0000000                                          L-------------------------U

                                                                                   EACH '-' ABOVE =        0.0750
                                                                                                 L=        0.3750
                                                                                                 U=        2.2500
                                                                              CASE NO. OF MIN. VAL. =  12
                                                                              CASE NO. OF MAX. VAL. =  15

                                                                                                         Q1=     1.0000000
                                                                                  VALUE   VALUE/S.E.    Q3=     1.0000000
                                                                  SKEWNESS         1.83        14.77    S-=     0.8037616
                                                                  KURTOSIS        10.01        40.32    S+=     1.2245140

                                                                                   EACH '.' BELOW =        0.0150
                          S              Q                  S
           M              -              MM                 +                                                          M
           I.............................EE.........................................................................A
           N                             DA                                                                           X
                                         IN

                  PERCENTS                       PERCENTS                       PERCENTS                       PERCENTS
  VALUE    COUNT  CELL   CUM      VALUE   COUNT  CELL   CUM      VALUE   COUNT  CELL   CUM      VALUE   COUNT  CELL   CUM
  0.5000     21    5.4   5.4     1.0000    344   88.4  93.8     1.5000     16    4.1  97.9     2.0000      8    2.1  100.0
------------------------------------------------------------------------------------------------------------------------------
```

****
* MOLYBDEN *
****

		MAXIMUM	2.0000000
		MINIMUM	2.0000000
		RANGE	0.0
VARIABLE NUMBER	10	VARIANCE	0.0
NUMBER OF DISTINCT VALUES .	1	ST.DEV.	0.0
NUMBER OF VALUES COUNTED. .	389	(Q3-Q1)/2	0.0
NUMBER OF VALUES NOT COUNTED	0	MX.ST.SC.	0.0
		MN.ST.SC.	0.0

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0000000	0.0
MEDIAN	2.0000000	0.0
MODE	2.0000000	

EACH '-' ABOVE = 0.0
L= 2.0000
U= 2.0000
CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 1

	VALUE	VALUE/S.E.
SKEWNESS	0.0	0.0
KURTOSIS	0.0	0.0

Q1= 2.0000000
Q3= 2.0000000
S-= 2.0000000
S+= 2.0000000

VALUE	COUNT	PERCENTS CELL	CUM
2.	389	100.0	100.0

```
*************
* URANIUM   *
*************                                  MAXIMUM          8.2999992
                                               MINIMUM          1.2999992
                                               RANGE            7.0000000
VARIABLE NUMBER . . . . . . .      11          VARIANCE         1.0903749
NUMBER OF DISTINCT VALUES .        31          ST.DEV.          1.0442104
NUMBER OF VALUES COUNTED. .       130          (Q3-Q1)/2        0.4000001
NUMBER OF VALUES NOT COUNTED      259          MX.ST.SC.        5.60
                                               MN.ST.SC.       -1.11

LOCATION ESTIMATES                                  ST.ERROR
                MEAN              2.4569159         0.0915633
                MEDIAN            2.2499990         0.0577350
                MODE              2.2999992
```

```
HH
HH
HH H                                   EACH 'H'
HHHH                                   REPRESENTS
HHHH                                       3
HHHHH                                  COUNT(S)
HHHHHH
HHHHHHHH
HHHHHHHH H H  H HH     H
L------------------------U

EACH '-' ABOVE =        0.3000
             L=         1.2000
             U=         8.7000
CASE NO. OF MIN. VAL. =  213
CASE NO. OF MAX. VAL. =   15
```

```
                                                           Q1=    1.6999996
                         VALUE   VALUE/S.E.                Q3=    2.6999998
            SKEWNESS      2.72        12.65                S-=    1.4127054
            KURTOSIS      9.37        21.81                S+=    3.5011263

                          EACH '.' BELOW =        0.0750
```

```
S     Q      Q      S                                                 M
M-    1  MM M 3      +                                                 A
I...........ED.E.......................................................X
N           DD A
            IE N
```

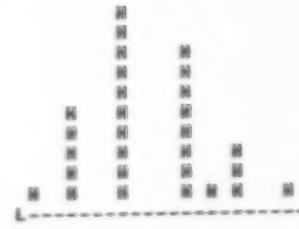
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.300	1	0.8	0.8	2.100	7	5.4	45.4	2.900	1	0.8	83.8	4.500	1	0.8	94.6
1.400	2	1.5	2.3	2.200	6	4.6	50.0	3.000	2	1.5	85.4	4.700	1	0.8	95.4
1.500	4	3.1	5.4	2.300	12	9.2	59.2	3.100	3	2.3	87.7	5.400	1	0.8	96.2
1.600	8	6.2	11.5	2.400	9	6.9	66.2	3.200	1	0.8	88.5	5.500	2	1.5	97.7
1.700	10	7.7	19.2	2.500	6	4.6	70.8	3.300	1	0.8	89.2	6.000	1	0.8	98.5
1.800	7	5.4	24.6	2.600	5	3.8	74.6	3.400	2	1.5	90.8	6.500	1	0.8	99.2
1.900	11	8.5	33.1	2.700	6	4.6	79.2	3.500	2	1.5	92.3	8.300	1	0.8	100.0
2.000	9	6.9	40.0	2.800	5	3.8	83.1	3.900	2	1.5	93.8				

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	28.0000000
NUMBER OF DISTINCT VALUES .	8	MINIMUM	4.0000000
NUMBER OF VALUES COUNTED. .	388	RANGE	24.0000000
NUMBER OF VALUES NOT COUNTED	1	VARIANCE	18.5914764
		ST.DEV.	4.3117038
		(Q3-Q1)/2	2.0000000
		MX.ST.SC.	3.40
		MN.ST.SC.	-2.17

LOCATION ESTIMATES

		ST.ERROR
MEAN	13.8866700	0.2188977
MEDIAN	12.0000000	0.0
MODE	12.0000000	



EACH '-' ABOVE = 1.0000
L= 4.0000
U= 29.0000
CASE NO. OF MIN. VAL. = 70
CASE NO. OF MAX. VAL. = 61

	VALUE	VALUE/S.E.
SKEWNESS	0.17	1.34
KURTOSIS	-0.02	-0.09

Q1= 12.0000000
Q3= 16.0000000
S-= 9.0438862
S+= 17.6874500

EACH '.' BELOW = 0.2000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
4.	14	3.6	3.6	12.	142	36.6	57.5	18.	1	0.3	86.9	24.	8	2.1	99.7
8.	67	17.3	20.9	16.	113	29.1	86.6	20.	42	10.8	97.7	28.	1	0.3	100.0

21 O/3E
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.26	0.0266	76.9
T (POOLED)	2.38	0.0176	387
F(FOR VARIANCES)			
LEVENE	0.12	0.7307	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	13.9999	12.5085
STD DEV	4.3717	4.7174
S.E.M.	0.2407	0.6142
SAMPLE SIZE	330	59
MAXIMUM	31.0000	34.0000
MINIMUM	5.0000	6.0000

****
* LEAD * VARIABLE NUMBER 4
****

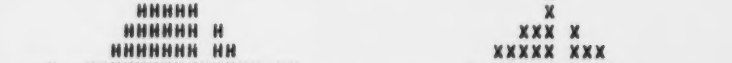
STATISTICS		P-VALUE	DF
T (SEPARATE)	0.65	0.5206	85.5
T (POOLED)	0.60	0.5481	387
F(FOR VARIANCES)			
LEVENE	0.39	0.5339	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	23.7959	23.3388
STD DEV	5.4547	4.9292
S.E.M.	0.3003	0.6417
SAMPLE SIZE	330	59
MAXIMUM	44.0000	33.0000
MINIMUM	5.0000	12.0000

****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.12	0.0381	66.2
T (POOLED)	-2.92	0.0037	387
F(FOR VARIANCES)			
LEVENE	10.15	0.0016	1, 387

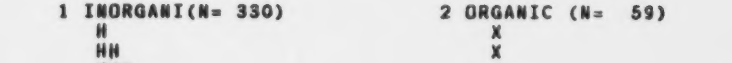
GROUP	1 INORGANI	2 ORGANIC
MEAN	72.7565	81.6608
STD DEV	19.3483	31.2617
S.E.M.	1.0651	4.0699
SAMPLE SIZE	330	59
MAXIMUM	136.0000	218.0000
MINIMUM	12.0000	35.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.23	0.2241	64.6
T (POOLED)	-1.80	0.0725	387
F(FOR VARIANCES)			
LEVENE	13.50	0.0003	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	704.1028	877.7930
STD DEV	592.1196	1057.6895
S.E.M.	32.5951	137.6994
SAMPLE SIZE	330	59
MAXIMUM	4700.0000	6900.0000
MINIMUM	50.0000	110.0000



DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

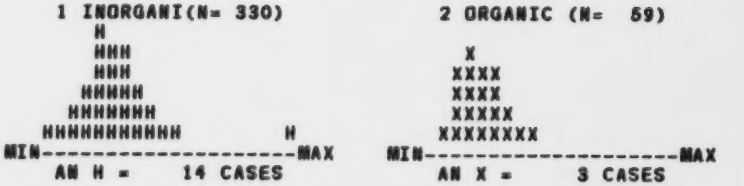
STATISTICS		P-VALUE	DF
T (SEPARATE)	5.05	0.0000	101.0
T (POOLED)	4.08	0.0001	387
F(FOR VARIANCES) LEVENE	0.39	0.5311	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.1608	1.8091
STD DEV	0.6320	0.4636
S.E.M.	0.0348	0.0603
SAMPLE SIZE	330	59
MAXIMUM	9.4400	2.8400
MINIMUM	0.6000	0.8800

****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	4.59	0.0000	87.1
T (POOLED)	4.20	0.0000	387
F(FOR VARIANCES) LEVENE	0.33	0.5635	1, 387

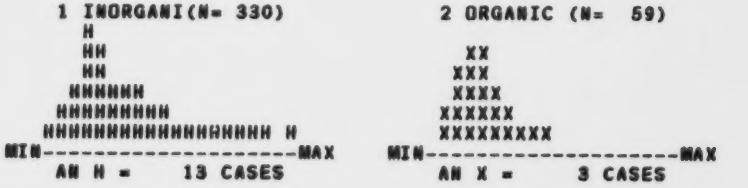
GROUP	1 INORGANI	2 ORGANIC
MEAN	15.4631	13.2034
STD DEV	3.8739	3.4078
S.E.M.	0.2133	0.4437
SAMPLE SIZE	330	59
MAXIMUM	45.0000	22.0000
MINIMUM	4.0000	8.0000



****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	4.90	0.0000	127.9
T (POOLED)	3.44	0.0007	387
F(FOR VARIANCES) LEVENE	11.06	0.0010	1, 387

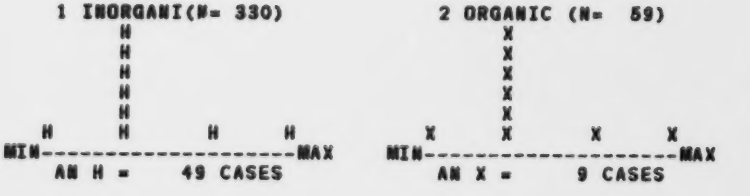
GROUP	1 INORGANI	2 ORGANIC
MEAN	54.2231	44.4913
STD DEV	21.1019	12.3726
S.E.M.	1.1616	1.6108
SAMPLE SIZE	330	59
MAXIMUM	155.0000	83.0000
MINIMUM	16.0000	26.0000



****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.36	0.7175	69.7
T (POOLED)	-0.45	0.6541	387
F(FOR VARIANCES) LEVENE	2.23	0.1361	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	1.0121	1.0254
STD DEV	0.1984	0.2695
S.E.M.	0.0109	0.0351
SAMPLE SIZE	330	59
MAXIMUM	2.0000	2.0000
MINIMUM	0.5000	0.5000

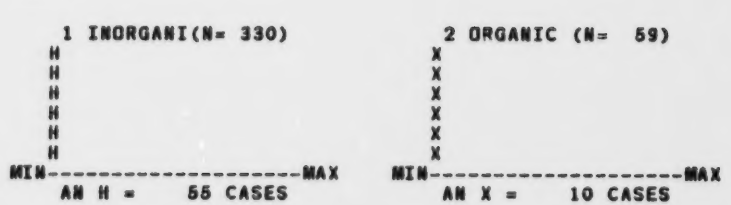


DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	387
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 387

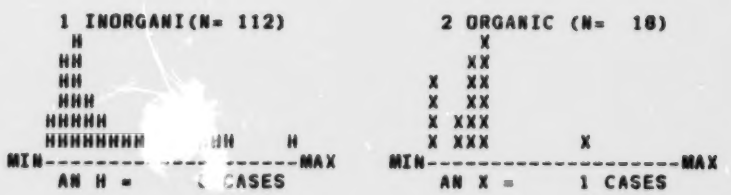
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0000	2.0000
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	330	59
MAXIMUM	2.0000	2.0000
MINIMUM	2.0000	2.0000



****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.19	0.8542	25.4
T (POOLED)	-0.16	0.8702	128
F(FOR VARIANCES)			
LEVENE	0.60	0.4415	1, 128

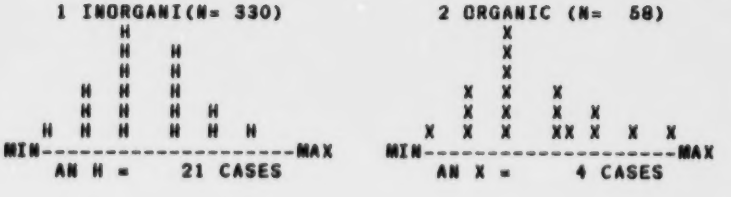
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.4509	2.4944
STD DEV	1.0692	0.8987
S.E.M.	0.1010	0.2118
SAMPLE SIZE	112	18
MAXIMUM	8.3000	5.5000
MINIMUM	1.4000	1.3000



****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.36	0.7211	70.6
T (POOLED)	0.42	0.6773	386
F(FOR VARIANCES)			
LEVENE	2.98	0.0849	1, 386

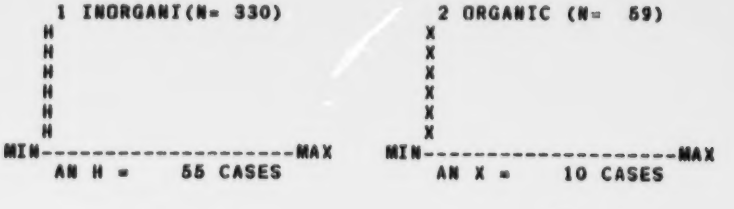
GROUP	1 INORGANI	2 ORGANIC
MEAN	13.3939	13.1379
STD DEV	4.1545	5.1519
S.E.M.	0.2287	0.6765
SAMPLE SIZE	330	58
MAXIMUM	24.0000	28.0000
MINIMUM	4.0000	4.0000



****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	387
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 387

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	330	59
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0



NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.957 SECONDS

21 O/3F
1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7716 21 O/SF

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7716001	47.1540	-67.3007	0	0	1	15.0	23.0	89.0	870.0	2.60	20.0	50.0	1.0	2.0	3.5	40.0	
82	7716002	47.1537	-67.2978	0	0	1	18.0	26.0	87.0	890.0	2.69	21.0	54.0	1.0	2.0		40.0	
82	7716003	47.1550	-67.2934	0	0	1	22.0	29.0	104.0	2000.0	2.68	22.0	59.0	1.0	2.0		20.0	
82	7716004	47.1572	-67.2910	0	0	1	31.0	32.0	106.0	3100.0	3.00	26.0	68.0	1.0	2.0	5.5	16.0	
82	7716005	47.1595	-67.2887	0	0	1	27.0	23.0	98.0	2400.0	3.02	24.0	65.0	1.0	2.0		16.0	
82	7716006	47.2402	-67.3732	0	0	2	27.0	29.0	70.0	800.0	3.29	26.0	79.0	1.0	2.0		20.0	
82	7716007	47.2392	-67.3728	0	0	2	21.0	26.0	74.0	1100.0	2.70	21.0	70.0	1.0	2.0	1.8	16.0	
82	7716008	47.2375	-67.3743	0	0	2	17.0	35.0	85.0	300.0	2.15	15.0	45.0	1.5	2.0		20.0	
82	7716009	47.2376	-67.3705	0	0	2	12.0	34.0	59.0	430.0	1.95	14.0	51.0	1.0	2.0	1.5	28.0	
82	7716010	47.2368	-67.3676	0	0	2	14.0	34.0	69.0	660.0	1.90	13.0	47.0	1.0	2.0		20.0	
82	7716011	47.2353	-67.3662	0	0	2	9.0	24.0	59.0	460.0	1.56	11.0	42.0	1.0	2.0		20.0	
82	7716012	47.2332	-67.3661	0	0	2	10.0	24.0	56.0	330.0	1.48	10.0	44.0	1.0	2.0		16.0	
82	7716013	47.2298	-67.3647	0	0	2	11.0	23.0	87.0	220.0	2.08	15.0	60.0	1.0	2.0	2.0	40.0	
82	7716014	47.2277	-67.3663	0	0	2	13.0	27.0	79.0	460.0	1.73	13.0	51.0	1.0	2.0		8.0	
82	7716015	47.2264	-67.3684	0	0	2	13.0	20.0	89.0	140.0	1.75	14.0	53.0	1.0	2.0		20.0	
82	7716016	47.2253	-67.3708	0	0	2	11.0	23.0	87.0	320.0	1.97	15.0	52.0	1.0	2.0	1.8	24.0	
82	7716017	47.2233	-67.3717	0	0	2	13.0	23.0	93.0	310.0	2.05	16.0	57.0	1.0	2.0		24.0	
82	7716018	47.2217	-67.3730	0	0	2	11.0	26.0	92.0	380.0	2.12	16.0	55.0	1.0	2.0		12.0	
82	7716019	47.2196	-67.3733	0	0	2	12.0	24.0	79.0	620.0	1.66	12.0	45.0	1.0	2.0		20.0	
82	7716020	47.2155	-67.3720	0	0	2	14.0	23.0	90.0	860.0	1.57	13.0	43.0	1.0	2.0	3.8	20.0	
82	7716021	47.2112	-67.3740	0	0	2	12.0	23.0	85.0	1600.0	1.70	13.0	38.0	1.0	2.0		28.0	
82	7716022	47.2244	-67.3432	0	0	2	12.0	26.0	67.0	480.0	1.63	13.0	47.0	1.0	2.0	2.1	20.0	
82	7716023	47.2236	-67.3415	0	0	2	13.0	23.0	63.0	510.0	1.79	12.0	53.0	1.0	2.0		20.0	
82	7716024	47.2223	-67.3400	0	0	1	10.0	20.0	71.0	280.0	1.96	14.0	63.0	1.0	2.0		16.0	
82	7716025	47.2207	-67.3402	0	0	1	12.0	27.0	74.0	990.0	1.85	14.0	53.0	1.0	2.0		24.0	
82	7716026	47.2189	-67.3398	0	0	1	9.0	20.0	60.0	430.0	1.80	13.0	53.0	1.0	2.0	2.3	20.0	
82	7716027	47.2183	-67.3365	0	0	1	12.0	23.0	72.0	350.0	2.25	16.0	62.0	1.0	2.0		24.0	
82	7716028	47.1858	-67.3100	0	0	1	13.0	27.0	77.0	500.0	2.34	17.0	47.0	1.0	2.0		20.0	
82	7716029	47.1872	-67.3075	0	0	1	11.0	23.0	65.0	450.0	2.07	16.0	41.0	1.0	2.0	3.1	24.0	
82	7716030	47.1845	-67.3098	0	0	1	16.0	27.0	95.0	1100.0	2.48	19.0	51.0	1.0	2.0		24.0	
82	7716031	47.1850	-67.3050	0	0	1	17.0	27.0	100.0	770.0	2.77	20.0	54.0	1.0	2.0		20.0	
82	7716032	47.1835	-67.2998	0	0	1	37.0	30.0	157.0	1300.0	2.22	16.0	51.0	1.0	2.0	7.1	20.0	
82	7716033	47.1827	-67.2960	0	0	1	18.0	30.0	123.0	1500.0	2.87	21.0	59.0	1.0	2.0		16.0	
82	7716034	47.1833	-67.2925	0	0	1	20.0	30.0	118.0	1400.0	2.90	22.0	61.0	1.0	2.0		20.0	
82	7716035	47.1850	-67.2895	0	0	1	21.0	30.0	120.0	1500.0	2.94	22.0	61.0	1.0	2.0	5.6	8.0	
82	7716036	47.1874	-67.2865	0	0	1	18.0	33.0	98.0	710.0	2.23	20.0	48.0	1.0	2.0		16.0	
82	7716037	47.1823	-67.3015	0	0	1	17.0	33.0	115.0	1400.0	2.39	17.0	47.0	1.0	2.0		20.0	
82	7716038	47.1799	-67.3007	0	0	1	18.0	33.0	113.0	1300.0	2.50	19.0	50.0	1.0	2.0		20.0	
82	7716039	47.1780	-67.2979	0	0	1	16.0	30.0	105.0	1200.0	2.44	18.0	49.0	1.0	2.0	5.6	20.0	
82	7716040	47.1754	-67.2958	0	0	1	18.0	36.0	102.0	1300.0	2.18	17.0	45.0	1.0	2.0		16.0	
82	7716041	47.1745	-67.2925	0	0	1	16.0	33.0	90.0	720.0	2.21	18.0	48.0	1.0	2.0		20.0	
82	7716042	47.1885	-67.3052	0	0	1	12.0	27.0	73.0	330.0	2.13	17.0	46.0	1.0	2.0	3.1	24.0	
82	7716043	47.1900	-67.3045	0	0	1	9.0	20.0	63.0	370.0	2.06	16.0	41.0	1.0	2.0		28.0	
82	7716044	47.1950	-67.3033	0	0	1	15.0	27.0	92.0	1100.0	2.72	21.0	57.0	1.0	2.0		20.0	
82	7716045	47.1965	-67.3048	0	0	1	18.0	30.0	115.0	1000.0	3.21	25.0	71.0	1.0	2.0		16.0	
82	7716046	47.1998	-67.3052	0	0	1	18.0	30.0	107.0	950.0	2.91	23.0	62.0	1.0	2.0	3.5	20.0	
82	7716047	47.1925	-67.2976	0	0	1	11.0	23.0	73.0	520.0	2.27	17.0	46.0	1.0	2.0		16.0	
82	7716048	47.1916	-67.2937	0	0	1	13.0	23.0	68.0	400.0	2.15	16.0	43.0	1.0	2.0		20.0	
82	7716049	47.1944	-67.3000	0	0	1	14.0	27.0	82.0	560.0	2.48	19.0	50.0	1.0	2.0	4.2	24.0	
82	7716050	47.1963	-67.2973	0	0	1	12.0	27.0	62.0	470.0	2.56	18.0	47.0	1.0	2.0		20.0	

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MAP SHEET 7716 21 O/3F

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7716051	47.1985	-67.2978	0	0	1	15.0	27.0	80.0	600.0	2.25	17.0	47.0	1.0	2.0		20.0	
82	7716052	47.2004	-67.2998	0	0	1	16.0	27.0	82.0	570.0	2.50	19.0	50.0	1.0	2.0	3.8	12.0	
82	7716053	47.2029	-67.3007	0	0	1	14.0	23.0	85.0	700.0	2.57	19.0	54.0	1.0	2.0		12.0	
82	7716054	47.1977	-67.2910	0	0	1	21.0	30.0	99.0	990.0	2.43	21.0	53.0	1.0	2.0		8.0	
82	7716055	47.1963	-67.2870	0	0	1	26.0	33.0	109.0	1600.0	2.81	21.0	59.0	1.0	2.0		12.0	
82	7716056	47.1997	-67.2928	0	0	1	15.0	23.0	73.0	830.0	2.29	17.0	45.0	1.0	2.0	3.8	12.0	
82	7716057	47.2013	-67.2916	0	0	1	17.0	30.0	83.0	1400.0	2.25	17.0	44.0	1.0	2.0		12.0	
82	7716058	47.2034	-67.2924	0	0	1	15.0	23.0	101.0	710.0	2.73	21.0	58.0	1.0	2.0		16.0	
82	7716059	47.2046	-67.2945	0	0	1	17.0	23.0	81.0	310.0	2.15	17.0	50.0	1.0	2.0	5.6	16.0	
82	7716060	47.2081	-67.2986	0	0	1	17.0	30.0	109.0	1100.0	2.84	23.0	62.0	1.0	2.0		16.0	
82	7716061	47.2037	-67.2900	0	0	1	19.0	27.0	124.0	750.0	2.44	20.0	67.0	1.0	2.0		12.0	
82	7716062	47.2056	-67.2882	0	0	1	13.0	23.0	75.0	680.0	2.40	18.0	48.0	1.0	2.0		16.0	
82	7716063	47.2074	-67.2865	0	0	1	18.0	30.0	81.0	850.0	2.64	18.0	51.0	1.0	2.0	4.0	16.0	
82	7716064	47.2096	-67.2850	0	0	1	17.0	30.0	96.0	1100.0	2.71	21.0	59.0	1.0	2.0		8.0	
82	7716065	47.1393	-67.3526	0	0	1	14.0	30.0	86.0	880.0	1.94	15.0	42.0	1.0	2.0		16.0	
82	7716066	47.1415	-67.3498	0	0	1	13.0	27.0	81.0	940.0	2.03	15.0	44.0	1.0	2.0		20.0	
82	7716067	47.1468	-67.3465	0	0	1	11.0	27.0	78.0	690.0	2.02	15.0	44.0	1.0	2.0	3.8	16.0	
82	7716068	47.1495	-67.3458	0	0	1	11.0	27.0	75.0	740.0	2.00	15.0	41.0	1.0	2.0		16.0	
82	7716069	47.1359	-67.3520	0	0	1	12.0	27.0	78.0	880.0	1.97	15.0	41.0	1.0	2.0		20.0	
82	7716070	47.2432	-67.3687	0	0	2	10.0	26.0	69.0	200.0	1.68	10.0	46.0	1.0	2.0		40.0	
82	7716071	47.2445	-67.3680	0	0	2	9.0	20.0	59.0	160.0	1.40	9.0	37.0	1.0	2.0	2.0	16.0	
82	7716072	47.2458	-67.3674	0	0	2	8.0	20.0	54.0	200.0	1.46	9.0	35.0	1.0	2.0		2.0	
82	7716073	47.2481	-67.3658	0	0	2	10.0	20.0	64.0	230.0	1.64	10.0	41.0	1.0	2.0		28.0	
82	7716074	47.1950	-67.3730	0	0	1	15.0	27.0	73.0	1200.0	1.95	14.0	39.0	1.0	2.0	2.0	20.0	
82	7716075	47.1965	-67.3700	0	0	1	13.0	23.0	96.0	780.0	2.36	21.0	50.0	1.0	2.0		16.0	
82	7716076	47.1980	-67.3641	0	0	1	10.0	23.0	78.0	650.0	1.92	16.0	46.0	1.0	2.0		20.0	
82	7716077	47.2000	-67.3595	0	0	1	12.0	23.0	66.0	410.0	1.75	11.0	35.0	1.0	2.0	2.0	16.0	
82	7716078	47.2030	-67.3573	0	0	1	9.0	23.0	60.0	630.0	1.70	12.0	34.0	1.0	2.0		16.0	
82	7716079	47.2055	-67.3580	0	0	1	15.0	40.0	66.0	2900.0	1.61	13.0	34.0	2.0	2.0	1.6	24.0	
82	7716080	47.2073	-67.3614	0	0	1	14.0	23.0	73.0	2100.0	2.11	16.0	46.0	1.0	2.0		20.0	
82	7716081	47.2087	-67.3642	0	0	1	16.0	27.0	85.0	410.0	2.25	21.0	47.0	1.0	2.0	2.0	16.0	
82	7716082	47.2030	-67.3841	0	0	1	12.0	27.0	77.0	2300.0	2.21	16.0	40.0	1.0	2.0		16.0	
82	7716083	47.2014	-67.3818	0	0	1	11.0	23.0	72.0	940.0	1.82	14.0	39.0	1.0	2.0		12.0	
82	7716084	47.1992	-67.3813	0	0	1	10.0	20.0	60.0	860.0	1.53	12.0	33.0	1.0	2.0	2.2	20.0	
82	7716085	47.1970	-67.3803	0	0	1	8.0	20.0	56.0	620.0	1.50	12.0	32.0	.5	2.0		20.0	
82	7716086	47.1947	-67.3803	0	0	1	12.0	27.0	57.0	1400.0	1.10	9.0	25.0	1.0	2.0		16.0	
82	7716087	47.1940	-67.3838	0	0	1	14.0	30.0	68.0	2100.0	1.82	12.0	32.0	1.0	2.0		20.0	
82	7716088	47.1937	-67.3872	0	0	1	15.0	33.0	63.0	1800.0	1.69	15.0	39.0	1.0	2.0	7.0	20.0	
82	7716089	47.1475	-67.3045	0	0	1	9.0	20.0	60.0	620.0	1.82	10.0	13.0	4.0	2.0	2.2	12.0	
82	7716090	47.1492	-67.3065	0	0	1	9.0	20.0	57.0	560.0	1.82	10.0	13.0	4.0	2.0		16.0	
82	7716091	47.1292	-67.2790	0	0	1	5.0	23.0	83.0	1800.0	1.79	10.0	11.0	2.0	2.0		12.0	
82	7716092	47.1305	-67.2753	0	0	1	4.0	23.0	88.0	3700.0	1.53	5.0	11.0	2.0	2.0	6.1	8.0	
82	7716093	47.1315	-67.2718	0	0	1	6.0	24.0	114.0	4200.0	2.01	10.0	16.0	2.3	2.0		16.0	
82	7716094	47.1285	-67.2846	0	0	1	5.0	15.0	66.0	1500.0	1.63	5.0	11.0	2.3	2.0		12.0	
82	7716095	47.1259	-67.2866	0	0	1	5.0	18.0	61.0	1300.0	1.21	5.0	9.0	2.1	2.0	6.8	12.0	
82	7716096	47.1256	-67.2905	0	0	1	12.0	23.0	60.0	230.0	2.05	10.0	16.0	5.0	2.0	4.6	8.0	
82	7716097	47.1278	-67.2922	0	0	1	13.0	26.0	74.0	840.0	2.11	19.0	45.0	.5				
82	7716098	47.1297	-67.2930	0	0	1	16.0	33.0	96.0	1400.0	2.31	18.0	49.0	1.0	2.0		8.0	
82	7716099	47.1298	-67.2965	0	0	1	21.0	37.0	66.0	1200.0	2.00	15.0	44.0	1.0	2.0		8.0	
82	7716100	47.1305	-67.3003	0	0	1	15.0	33.0	103.0	6800.0	2.56	21.0	54.0	1.0	2.0	7.1	16.0	

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MAP SHEET 7716 21 O/3F

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7716101	47.1304	-67.2907	0	0	1	12.0	23.0	66.0	540.0	2.26	15.0	51.0	1.0	2.0		12.0	
82	7716102	47.1325	-67.2900	0	0	1	11.0	23.0	63.0	750.0	2.12	15.0	47.0	1.0	2.0		8.0	
82	7716103	47.1396	-67.2808	0	0	1	15.0	33.0	101.0	1500.0	2.47	19.0	56.0	1.0	2.0		12.0	
82	7716104	47.1360	-67.2770	0	0	1	14.0	27.0	89.0	300.0	1.96	15.0	55.0	1.0	2.0	4.1	12.0	
82	7716105	47.1380	-67.2705	0	0	1	6.0	17.0	18.0	530.0	.86	8.0	19.0	.5	2.0		12.0	
82	7716106	47.1433	-67.2700	0	0	1	6.0	20.0	45.0	340.0	1.40	5.0	10.0	2.8	2.0		12.0	
82	7716107	47.1453	-67.2737	0	0	1	8.0	23.0	70.0	1500.0	1.97	10.0	15.0	3.7	2.0	3.5	12.0	
82	7716108	47.1478	-67.2761	0	0	1	3.0	23.0	45.0	1600.0	.83	5.0	9.0	1.3	2.0		12.0	
82	7716109	47.1500	-67.2786	0	0	1	7.0	23.0	68.0	1500.0	1.64	5.0	12.0	3.1	2.0		12.0	
82	7716110	47.1415	-67.2665	0	0	1	6.0	20.0	60.0	890.0	1.56	5.0	11.0	2.7	2.0		12.0	
82	7716111	47.1432	-67.2628	0	0	1	11.0	47.0	60.0	870.0	.75	10.0	8.0	2.1	2.0	35.6	8.0	
82	7716112	47.1425	-67.2622	0	0	1	27.0	40.0	36.0	280.0	.84	10.0	7.0	3.1	2.0		8.0	
82	7716113	47.1450	-67.2605	0	0	1	6.0	23.0	76.0	1200.0	1.73	5.0	13.0	3.2	2.0		8.0	
82	7716114	47.1467	-67.2595	0	0	1	6.0	23.0	61.0	1100.0	1.54	5.0	11.0	2.8	2.0	4.5	8.0	
82	7716115	47.1478	-67.2562	0	0	1	7.0	23.0	65.0	450.0	1.46	10.0	11.0	3.0	2.0		8.0	
82	7716116	47.1465	-67.2530	0	0	1	6.0	20.0	56.0	560.0	1.36	5.0	10.0	2.5	2.0		8.0	
82	7716117	47.1877	-67.2620	0	0	1	12.0	20.0	79.0	590.0	2.32	10.0	16.0	4.7	2.0	3.0	16.0	
82	7716118	47.1877	-67.2647	0	0	1	13.0	23.0	76.0	750.0	2.21	10.0	15.0	4.1	2.0		12.0	
82	7716119	47.1890	-67.2707	0	0	1	13.0	23.0	78.0	680.0	2.32	10.0	16.0	4.6	2.0		16.0	
82	7716120	47.1913	-67.2745	0	0	1	14.0	27.0	83.0	330.0	2.34	15.0	47.0	1.0	2.0	4.5	16.0	
82	7716121	47.1896	-67.2695	0	0	1	14.0	27.0	73.0	550.0	2.16	15.0	44.0	1.0	2.0		12.0	
82	7716122	47.1920	-67.2675	0	0	1	14.0	27.0	86.0	630.0	2.41	16.0	50.0	1.0	2.0		16.0	
82	7716123	47.1942	-67.2556	0	0	1	13.0	27.0	70.0	520.0	2.07	14.0	43.0	1.0	2.0	4.3	8.0	
82	7716124	47.1964	-67.2534	0	0	1	20.0	37.0	114.0	1600.0	2.07	14.0	44.0	1.0	2.0		12.0	
82	7716125	47.1911	-67.2610	0	0	1	13.0	27.0	79.0	550.0	2.50	16.0	52.0	1.0	2.0		12.0	
82	7716126	47.1940	-67.2623	0	0	1	13.0	20.0	79.0	530.0	2.34	18.0	51.0	1.0	2.0	4.0	16.0	
82	7716127	47.1948	-67.2642	0	0	1	13.0	24.0	81.0	610.0	2.46	18.0	51.0	1.0	2.0		16.0	
82	7716128	47.1965	-67.2657	0	0	1	13.0	20.0	77.0	520.0	2.32	17.0	50.0	1.0	2.0		12.0	
82	7716129	47.1983	-67.2679	0	0	1	12.0	20.0	79.0	490.0	2.31	17.0	48.0	1.0	2.0		12.0	
82	7716130	47.2010	-67.2695	0	0	1	13.0	24.0	74.0	550.0	2.22	16.0	45.0	1.0	2.0	4.8	12.0	
82	7716131	47.2014	-67.2717	0	0	1	14.0	24.0	77.0	440.0	2.28	17.0	47.0	1.0	2.0		12.0	
82	7716132	47.2015	-67.2763	0	0	1	16.0	27.0	90.0	580.0	2.66	20.0	55.0	1.0	2.0		12.0	
82	7716133	47.1958	-67.2615	0	0	1	15.0	24.0	87.0	790.0	2.56	20.0	54.0	1.0	2.0	2.7	8.0	
82	7716134	47.1980	-67.2615	0	0	1	14.0	24.0	87.0	740.0	2.53	20.0	53.0	1.0	2.0		8.0	
82	7716135	47.2005	-67.2599	0	0	1	16.0	24.0	77.0	750.0	2.33	18.0	47.0	1.0	2.0		12.0	
82	7716136	47.2034	-67.2590	0	0	1	15.0	24.0	77.0	510.0	2.38	17.0	47.0	1.0	2.0	4.7	12.0	
82	7716137	47.2062	-67.2573	0	0	1	15.0	27.0	77.0	370.0	2.39	17.0	47.0	1.0	2.0		8.0	
82	7716138	47.2372	-67.2820	0	0	1	12.0	24.0	57.0	880.0	1.63	13.0	30.0	1.0	2.0		12.0	
82	7716139	47.2387	-67.2980	0	0	1	18.0	34.0	85.0	1400.0	2.35	18.0	95.0	1.0	2.0		16.0	
82	7716140	47.2413	-67.3075	0	0	1	20.0	27.0	70.0	820.0	2.56	21.0	119.0	1.0	2.0		16.0	
82	7716141	47.2433	-67.3074	0	0	1	18.0	27.0	75.0	820.0	2.50	18.0	111.0	1.0	2.0	5.1	12.0	
82	7716142	47.2458	-67.3062	0	0	1	19.0	34.0	77.0	1200.0	2.05	17.0	87.0	1.0	2.0		4.0	
82	7716143	47.1585	-67.2877	0	0	1	28.0	30.0	97.0	1000.0	3.00	20.0	62.0	1.0	2.0	4.7	12.0	
82	7716144	47.1601	-67.2858	0	0	1	30.0	30.0	155.0	4500.0	3.02	24.0	69.0	1.0	2.0		16.0	
82	7716145	47.2443	-67.3546	0	0	2	35.0	37.0	89.0	1400.0	4.19	36.0	133.0	1.5	2.0		24.0	
82	7716146	47.2428	-67.3552	0	0	2	19.0	25.0	51.0	1100.0	1.61	16.0	48.0	1.0	2.0		12.0	
82	7716147	47.2413	-67.3558	0	0	2	14.0	28.0	74.0	130.0	1.89	15.0	52.0	1.0	2.0	3.0	16.0	
82	7716148	47.2386	-67.3565	0	0	2	28.0	37.0	45.0	240.0	.98	14.0	37.0	1.5	2.0		20.0	
82	7716149	47.2363	-67.3565	0	0	2	13.0	21.0	51.0	130.0	1.25	11.0	38.0	1.0	2.0		16.0	
82	7716150	47.2347	-67.3545	0	0	2	14.0	21.0	41.0	180.0	2.82	18.0	45.0	1.0	2.0	1.8	16.0	

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MAP SHEET 7716 21 O/SF

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7716151	47.2335	-67.3514	0	0	2	19.0	31.0	55.0	690.0	.69	13.0	30.0	1.5	2.0		16.0	
82	7716152	47.2320	-67.3497	0	0	2	13.0	21.0	74.0	90.0	1.84	13.0	64.0	1.0	2.0		16.0	
82	7716153	47.2324	-67.3472	0	0	2	22.0	28.0	89.0	870.0	1.52	14.0	49.0	1.0	2.0	2.5	20.0	
82	7716154	47.2343	-67.3470	0	0	2	24.0	34.0	68.0	900.0	1.53	15.0	51.0	1.0	2.0		12.0	
82	7716155	47.2367	-67.3463	0	0	2	31.0	34.0	126.0	510.0	2.83	20.0	76.0	1.0	2.0		20.0	
82	7716156	47.2398	-67.3466	0	0	2	27.0	31.0	75.0	1000.0	.98	13.0	37.0	1.5	2.0	2.8	20.0	
82	7716157	47.2415	-67.3469	0	0	2	25.0	37.0	68.0	780.0	1.57	15.0	53.0	1.5	2.0		16.0	
82	7716158	47.2434	-67.3457	0	0	2	34.0	43.0	68.0	1500.0	1.33	16.0	47.0	1.5	2.0		12.0	
82	7716159	47.2456	-67.3454	0	0	2	23.0	31.0	85.0	590.0	.68	13.0	27.0	1.5	2.0	13.3	12.0	
82	7716160	47.2304	-67.3495	0	0	2	11.0	25.0	65.0	120.0	1.94	13.0	61.0	1.0	2.0		24.0	
82	7716161	47.2292	-67.3520	0	0	2	13.0	31.0	77.0	410.0	2.03	17.0	65.0	1.0	2.0		20.0	
82	7716162	47.2300	-67.3553	0	0	2	12.0	31.0	83.0	170.0	1.83	15.0	61.0	1.0	2.0	1.0	16.0	
82	7716163	47.2292	-67.3580	0	0	2	12.0	22.0	82.0	180.0	2.29	18.0	74.0	1.0	2.0		24.0	
82	7716164	47.2295	-67.3613	0	0	2	9.0	22.0	70.0	180.0	1.95	16.0	60.0	1.0	2.0		24.0	
82	7716165	47.2297	-67.3463	0	0	2	11.0	25.0	77.0	240.0	1.90	15.0	62.0	1.0	2.0	1.6	20.0	
82	7716166	47.2286	-67.3447	0	0	2	12.0	28.0	102.0	220.0	2.75	22.0	94.0	1.0	2.0		20.0	
82	7716167	47.2262	-67.3437	0	0	2	10.0	25.0	78.0	200.0	2.06	16.0	68.0	1.0	2.0		12.0	
82	7716168	47.2253	-67.3455	0	0	2	21.0	37.0	68.0	710.0	.69	12.0	28.0	1.0	2.0	3.1	16.0	
82	7716169	47.1734	-67.3240	0	0	1	12.0	22.0	74.0	530.0	2.13	16.0	45.0	1.0	2.0	3.7	20.0	
82	7716170	47.1717	-67.3262	0	0	1	12.0	22.0	77.0	520.0	2.34	17.0	47.0	1.0	2.0		20.0	
82	7716171	47.1694	-67.3277	0	0	1	12.0	25.0	74.0	640.0	2.36	17.0	46.0	1.0	2.0		24.0	
82	7716172	47.1682	-67.3304	0	0	1	20.0	25.0	63.0	540.0	2.42	18.0	52.0	1.0	2.0	4.3	16.0	
82	7716173	47.1677	-67.3285	0	0	1	10.0	19.0	77.0	540.0	2.12	15.0	44.0	1.0	2.0		12.0	
82	7716174	47.1663	-67.3300	0	0	1	14.0	22.0	80.0	380.0	2.10	15.0	48.0	1.0	2.0		24.0	
82	7716175	47.1634	-67.3315	0	0	1	16.0	28.0	89.0	2200.0	2.19	16.0	45.0	1.0	2.0	4.8	16.0	
82	7716176	47.1612	-67.3325	0	0	1	18.0	28.0	99.0	2100.0	2.66	21.0	57.0	1.0	2.0		20.0	
82	7716177	47.1604	-67.3355	0	0	1	17.0	37.0	92.0	2600.0	2.38	18.0	39.0	1.0	2.0		20.0	
82	7716178	47.1615	-67.3377	0	0	1	13.0	28.0	122.0	1600.0	2.40	18.0	52.0	1.0	2.0	3.3	24.0	
82	7716179	47.1590	-67.3350	0	0	1	20.0	31.0	87.0	1400.0	2.08	15.0	44.0	1.0	2.0		24.0	
82	7716180	47.1563	-67.3345	0	0	1	23.0	31.0	104.0	1800.0	2.34	18.0	51.0	1.0	2.0		24.0	
82	7716181	47.1622	-67.3254	0	0	1	49.0	43.0	173.0	5500.0	3.18	26.0	55.0	1.5	2.0	13.5	20.0	
82	7716182	47.1637	-67.3243	0	0	1	54.0	47.0	171.0	5900.0	2.44	30.0	67.0	1.0	2.0		20.0	
82	7716183	47.1657	-67.3230	0	0	1	32.0	34.0	130.0	3500.0	2.69	23.0	58.0	1.0	2.0		20.0	
82	7716184	47.1673	-67.3210	0	0	1	23.0	37.0	123.0	2400.0	2.50	22.0	53.0	1.0	2.0	5.8	16.0	
82	7716185	47.1686	-67.3190	0	0	1	23.0	34.0	115.0	2900.0	2.08	19.0	46.0	1.0	2.0		20.0	
82	7716186	47.1740	-67.3207	0	0	1	12.0	22.0	75.0	650.0	2.29	17.0	46.0	1.0	2.0		20.0	
82	7716187	47.1685	-67.3148	0	0	1	25.0	34.0	68.0	2000.0	1.93	16.0	38.0	1.0	2.0		20.0	
82	7716188	47.1683	-67.3180	0	0	1	26.0	31.0	72.0	1100.0	2.26	18.0	42.0	1.0	2.0	6.2	20.0	
82	7716189	47.1496	-67.3178	0	0	1	21.0	37.0	86.0	1700.0	2.01	16.0	41.0	1.0	2.0		16.0	
82	7716190	47.1475	-67.3164	0	0	1	21.0	37.0	94.0	2000.0	1.83	15.0	39.0	1.0	2.0		16.0	
82	7716191	47.1372	-67.3432	0	0	1	20.0	28.0	82.0	760.0	2.71	19.0	55.0	1.0	2.0	5.5	20.0	
82	7716192	47.1387	-67.3410	0	0	1	24.0	34.0	91.0	2000.0	1.81	16.0	42.0	1.0	2.0	9.5	12.0	
82	7716193	47.1405	-67.3399	0	0	1	31.0	31.0	90.0	150.0	.59	9.0	20.0	1.0	2.0		8.0	
82	7716194	47.1420	-67.3395	0	0	1	22.0	34.0	86.0	2300.0	2.09	19.0	47.0	1.0	2.0		16.0	
82	7716195	47.1442	-67.3385	0	0	1	26.0	43.0	97.0	2000.0	1.77	16.0	42.0	1.0	2.0	9.8	12.0	
82	7716196	47.1394	-67.3382	0	0	2	39.0	96.0	97.0	5900.0	2.91	32.0	56.0	1.5	2.0		16.0	
82	7716197	47.1355	-67.3460	0	0	1	24.0	34.0	79.0	1900.0	1.90	17.0	42.0	1.0	2.0		20.0	
82	7716198	47.1433	-67.3500	0	0	2	20.0	28.0	82.0	760.0	2.71	19.0	55.0	1.0	2.0	5.5	20.0	
82	7716199	47.1414	-67.3634	0	0	2	22.0	28.0	77.0	840.0	2.48	18.0	51.0	1.0	2.0		20.0	
82	7716200	47.1388	-67.3658	0	0	2	30.0	34.0	98.0	2600.0	2.45	18.0	48.0	1.0	2.0		24.0	

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MAP SHEET 7716 21 O/SF

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7716201	47.1435	-67.3690	0	0	2	19.0	28.0	68.0	970.0	2.05	15.0	41.0	1.0	2.0	3.3	12.0	
82	7716202	47.1445	-67.3665	0	0	2	15.0	28.0	91.0	970.0	2.25	18.0	46.0	1.0	2.0		16.0	
82	7716203	47.1453	-67.3635	0	0	2	15.0	28.0	88.0	820.0	2.12	17.0	45.0	1.0	2.0		20.0	
82	7716204	47.1425	-67.3715	0	0	2	14.0	25.0	90.0	980.0	2.21	17.0	46.0	1.0	2.0	4.5	16.0	
82	7716205	47.1377	-67.3740	0	0	2	22.0	34.0	109.0	1600.0	2.75	21.0	58.0	1.0	2.0		16.0	
82	7716206	47.1398	-67.3720	0	0	2	22.0	31.0	100.0	990.0	2.71	20.0	58.0	1.5	2.0	6.6	16.0	
82	7716207	47.1417	-67.3700	0	0	2	18.0	31.0	91.0	770.0	2.16	17.0	48.0	1.0	2.0		8.0	
82	7716208	47.1413	-67.3550	0	0	1	10.0	21.0	67.0	570.0	1.84	15.0	36.0	1.0	2.0	2.6	12.0	
82	7716209	47.1393	-67.3545	0	0	1	15.0	28.0	62.0	1100.0	2.37	19.0	42.0	1.0	2.0	2.8	16.0	
82	7716210	47.1357	-67.2955	0	0	1	15.0	28.0	76.0	780.0	2.32	18.0	50.0	1.0	2.0		20.0	
82	7716211	47.1360	-67.2990	0	0	1	11.0	25.0	66.0	730.0	2.13	16.0	43.0	.5	2.0		16.0	
82	7716212	47.1362	-67.3013	0	0	1	12.0	25.0	71.0	590.0	2.26	17.0	49.0	1.0	2.0	2.5	16.0	
82	7716213	47.1392	-67.3030	0	0	1	15.0	31.0	71.0	1000.0	2.31	20.0	50.0	1.0	2.0		12.0	
82	7716214	47.1402	-67.3072	0	0	1	11.0	21.0	59.0	510.0	1.77	13.0	33.0	.5	2.0		16.0	
82	7716215	47.1398	-67.3100	0	0	1	11.0	25.0	72.0	670.0	2.48	18.0	45.0	1.0	2.0	3.6	16.0	
82	7716216	47.1386	-67.3124	0	0	1	11.0	25.0	71.0	480.0	2.23	17.0	40.0	1.0	2.0		8.0	
82	7716217	47.1372	-67.3150	0	0	1	13.0	28.0	81.0	1000.0	2.50	18.0	46.0	1.0	2.0		12.0	
82	7716218	47.1350	-67.3155	0	0	1	13.0	28.0	79.0	720.0	2.52	18.0	43.0	1.0	2.0	4.8	12.0	
82	7716219	47.1332	-67.3160	0	0	1	13.0	28.0	78.0	1200.0	2.56	20.0	45.0	1.0	2.0		16.0	
82	7716220	47.1320	-67.3179	0	0	1	14.0	28.0	86.0	1600.0	2.56	20.0	45.0	1.0	2.0		16.0	
82	7716221	47.1317	-67.3200	0	0	1	14.0	28.0	83.0	1400.0	2.46	19.0	44.0	1.0	2.0	4.0	20.0	
82	7716222	47.1286	-67.3225	0	0	1	16.0	31.0	103.0	1100.0	3.06	25.0	55.0	1.0	2.0		12.0	
82	7716223	47.1299	-67.3215	0	0	1	31.0	52.0	103.0	5800.0	2.64	27.0	45.0	1.0	2.0	4.3	20.0	
82	7716224	47.1292	-67.3235	0	0	1	21.0	49.0	72.0	4000.0	1.46	19.0	36.0	1.0	2.0		16.0	
82	7716225	47.1297	-67.3260	0	0	1	24.0	31.0	59.0	730.0	1.04	13.0	30.0	1.0	2.0		20.0	
82	7716226	47.1313	-67.3274	0	0	1	21.0	46.0	78.0	1400.0	2.29	17.0	38.0	1.0	2.0	5.5	12.0	
82	7716227	47.1414	-67.3050	0	0	1	12.0	25.0	67.0	430.0	2.09	15.0	45.0	1.0	2.0		16.0	
82	7716228	47.1424	-67.3024	0	0	1	12.0	25.0	64.0	800.0	1.97	16.0	43.0	1.0	2.0		12.0	
82	7716229	47.1442	-67.3024	0	0	1	13.0	25.0	72.0	560.0	2.11	16.0	42.0	1.0	2.0	2.5	16.0	
82	7716230	47.1919	-67.2506	0	0	1	13.0	25.0	83.0	670.0	2.28	18.0	48.0	1.0	2.0	3.5	20.0	
82	7716231	47.1896	-67.2527	0	0	1	13.0	28.0	83.0	770.0	2.27	17.0	47.0	1.0	2.0		16.0	
82	7716232	47.1868	-67.2570	0	0	1	13.0	25.0	79.0	650.0	2.28	17.0	45.0	1.0	2.0		8.0	
82	7716233	47.1850	-67.2572	0	0	1	20.0	31.0	91.0	1100.0	2.32	17.0	48.0	1.0	2.0	4.1	12.0	
82	7716234	47.1838	-67.2545	0	0	1	24.0	31.0	121.0	1400.0	2.51	18.0	52.0	1.0	2.0		12.0	
82	7716235	47.1835	-67.2514	0	0	1	22.0	31.0	100.0	1600.0	2.47	19.0	52.0	1.0	2.0		12.0	
82	7716236	47.1850	-67.2525	0	0	1	26.0	34.0	129.0	2200.0	2.78	21.0	49.0	1.0	2.0	6.0	8.0	
82	7716237	47.1853	-67.2555	0	0	1	28.0	37.0	107.0	1800.0	2.53	19.0	43.0	1.0	2.0		8.0	
82	7716238	47.1836	-67.2700	0	0	1	28.0	37.0	129.0	2500.0	2.50	19.0	45.0	1.0	2.0		8.0	
82	7716239	47.1823	-67.2616	0	0	1	14.0	21.0	75.0	590.0	2.33	16.0	42.0	1.0	2.0	4.0	12.0	
82	7716240	47.1798	-67.2618	0	0	1	11.0	21.0	73.0	670.0	2.22	15.0	40.0	1.0	2.0		12.0	
82	7716241	47.1770	-67.2615	0	0	1	10.0	18.0	58.0	500.0	2.12	15.0	39.0	1.0	2.0		16.0	
82	7716242	47.1772	-67.2585	0	0	1	23.0	24.0	94.0	710.0	2.77	18.0	50.0	1.0	2.0	4.7	16.0	
82	7716243	47.1799	-67.2555	0	0	1	34.0	27.0	95.0	1400.0	2.85	20.0	51.0	1.0	2.0		12.0	
82	7716244	47.1727	-67.2625	0	0	1	13.0	21.0	78.0	410.0	2.28	17.0	46.0	1.0	2.0		12.0	
82	7716245	47.1695	-67.2638	0	0	1	13.0	21.0	80.0	1000.0	2.43	17.0	46.0	1.0	2.0	3.2	12.0	
82	7716246	47.1672	-67.2630	0	0	1	11.0	21.0	70.0	540.0	2.20	16.0	42.0	1.0	2.0		16.0	
82	7716247	47.1670	-67.2599	0	0	1	16.0	27.0	94.0	820.0	2.47	18.0	51.0	1.0	2.0		16.0	
82	7716248	47.1673	-67.2575	0	0	1	19.0	27.0	90.0	990.0	2.29	16.0	49.0	1.0	2.0	4.8	16.0	
82	7716249	47.1694	-67.2556	0	0	1	18.0	24.0	99.0	810.0	2.51	18.0	54.0	1.0	2.0		16.0	
82	7716250	47.1714	-67.2553	0	0	1	18.0	24.0	97.0	990.0	2.57	18.0	54.0	1.0	2.0		16.0	

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MAP SHEET 7716 21 O/SF

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7716251	47.1727	-67.2529	0	0	1	18.0	21.0	83.0	600.0	2.12	17.0	51.0	1.0	2.0	5.0	16.0	
82	7716252	47.2010	-67.2672	0	0	1	13.0	21.0	78.0	570.0	2.38	17.0	45.0	1.0	2.0		16.0	
82	7716253	47.2025	-67.2672	0	0	1	14.0	21.0	83.0	670.0	2.87	18.0	49.0	1.0	2.0		12.0	
82	7716254	47.2047	-67.2684	0	0	1	16.0	24.0	87.0	1100.0	2.30	17.0	49.0	1.0	2.0	6.1	12.0	
82	7716255	47.2062	-67.2684	0	0	1	21.0	27.0	117.0	1500.0	2.61	17.0	56.0	1.0	2.0		16.0	
82	7716256	47.2068	-67.2713	0	0	1	18.0	24.0	112.0	1600.0	2.53	17.0	56.0	1.0	2.0		12.0	
82	7716257	47.2066	-67.2670	0	0	1	14.0	21.0	77.0	400.0	2.51	18.0	49.0	1.0	2.0	4.5	12.0	
82	7716258	47.2084	-67.2665	0	0	1	15.0	24.0	78.0	380.0	2.17	17.0	44.0	1.0	2.0		12.0	
82	7716259	47.2103	-67.2678	0	0	1	18.0	30.0	76.0	850.0	1.47	11.0	36.0	1.0	2.0		16.0	
82	7716260	47.2126	-67.2682	0	0	1	24.0	34.0	94.0	1200.0	1.71	13.0	40.0	1.0	2.0	9.1	16.0	
82	7716261	47.2144	-67.2620	0	0	1	30.0	37.0	129.0	2600.0	2.77	21.0	58.0	1.0	2.0		16.0	
82	7716262	47.2115	-67.2622	0	0	1	19.0	30.0	70.0	2400.0	2.36	17.0	39.0	1.0	2.0		16.0	
82	7716263	47.2127	-67.2608	0	0	1	30.0	37.0	129.0	2800.0	2.87	21.0	55.0	1.0	2.0	8.7	20.0	
82	7716264	47.2142	-67.2590	0	0	1	26.0	30.0	105.0	2400.0	2.31	17.0	38.0	1.0	2.0		16.0	
82	7716265	47.2152	-67.2570	0	0	1	32.0	40.0	126.0	2800.0	2.71	20.0	49.0	1.0	2.0		12.0	
82	7716266	47.2122	-67.2599	0	0	1	27.0	40.0	121.0	2300.0	3.04	22.0	60.0	1.0	2.0		16.0	
82	7716267	47.2128	-67.2570	0	0	1	25.0	34.0	109.0	2300.0	2.66	18.0	52.0	1.0	2.0	8.8	12.0	
82	7716268	47.2143	-67.2540	0	0	1	26.0	34.0	111.0	2400.0	2.69	18.0	51.0	1.0	2.0		12.0	
82	7716269	47.1838	-67.3706	0	0	2	16.0	21.0	63.0	250.0	2.28	18.0	49.0	1.0	2.0	3.3	8.0	
82	7716270	47.1814	-67.3674	0	0	2	10.0	21.0	82.0	640.0	2.02	18.0	42.0	1.0	2.0		8.0	
82	7716271	47.1823	-67.3664	0	0	2	6.0	14.0	48.0	120.0	1.33	10.0	28.0	.5	2.0		8.0	
82	7716272	47.1805	-67.3663	0	0	2	8.0	21.0	63.0	280.0	1.64	13.0	35.0	.5	2.0		8.0	
82	7716273	47.1788	-67.3647	0	0	2	9.0	17.0	65.0	330.0	2.52	15.0	36.0	1.0	2.0		12.0	
82	7716274	47.1767	-67.3633	0	0	2	9.0	17.0	65.0	410.0	1.53	13.0	32.0	1.0	2.0	2.0	12.0	
82	7716275	47.1745	-67.3612	0	0	2	9.0	21.0	62.0	520.0	1.79	15.0	36.0	1.0	2.0		8.0	
82	7716276	47.1718	-67.3610	0	0	2	9.0	17.0	58.0	330.0	1.66	15.0	33.0	1.0	2.0		12.0	
82	7716277	47.1715	-67.3568	0	0	2	21.0	34.0	83.0	3900.0	1.87	21.0	37.0	2.0	2.0	12.0	4.0	
82	7716278	47.1710	-67.3599	0	0	2	19.0	28.0	43.0	590.0	1.27	15.0	30.0	1.0	2.0		12.0	
82	7716279	47.1699	-67.3612	0	0	2	8.0	14.0	57.0	330.0	1.58	13.0	33.0	1.0	2.0		16.0	
82	7716280	47.1680	-67.3620	0	0	2	9.0	21.0	62.0	650.0	1.90	15.0	37.0	1.0	2.0		12.0	
82	7716281	47.1662	-67.3620	0	0	2	9.0	21.0	60.0	600.0	1.53	13.0	31.0	1.0	2.0	2.5	12.0	
82	7716282	47.1642	-67.3613	0	0	2	9.0	21.0	62.0	360.0	1.70	14.0	33.0	1.0	2.0		12.0	
82	7716283	47.1623	-67.3607	0	0	2	7.0	17.0	62.0	530.0	1.69	13.0	33.0	.5	2.0	2.2	16.0	
82	7716284	47.1595	-67.3600	0	0	2	8.0	17.0	62.0	490.0	1.68	14.0	32.0	1.0	2.0		12.0	
82	7716285	47.1613	-67.3528	0	0	2	16.0	24.0	67.0	580.0	1.76	15.0	38.0	1.0	2.0		12.0	
82	7716286	47.1624	-67.3515	0	0	2	15.0	28.0	62.0	560.0	1.67	14.0	34.0	1.0	2.0	8.5	16.0	
82	7716287	47.1598	-67.3548	0	0	2	14.0	24.0	58.0	610.0	2.15	17.0	42.0	1.0	2.0		16.0	
82	7716288	47.1578	-67.3560	0	0	2	17.0	28.0	67.0	800.0	2.10	16.0	41.0	1.0	2.0		16.0	
82	7716289	47.1555	-67.3575	0	0	2	7.0	17.0	57.0	420.0	1.63	13.0	31.0	.5	2.0	2.6	16.0	
82	7716290	47.1530	-67.3580	0	0	2	9.0	21.0	65.0	377.0	1.95	15.0	39.0	1.0	2.0		16.0	
82	7716291	47.1517	-67.3580	0	0	2	9.0	17.0	57.0	580.0	1.71	13.0	33.0	1.0	2.0		16.0	
82	7716292	47.1498	-67.3582	0	0	2	13.0	24.0	70.0	1100.0	2.03	16.0	38.0	1.0	2.0	4.6	20.0	
82	7716293	47.1483	-67.3590	0	0	2	8.0	21.0	57.0	640.0	1.84	15.0	35.0	1.0	2.0		20.0	
82	7716294	47.1450	-67.3598	0	0	1	8.0	21.0	60.0	1000.0	1.82	14.0	33.0	1.0	2.0		20.0	
82	7716295	47.2444	-67.2749	0	0	1	13.0	34.0	62.0	1400.0	2.23	18.0	37.0	1.0	2.0	4.1	16.0	
82	7716296	47.2452	-67.2762	0	0	1	12.0	28.0	62.0	790.0	1.81	14.0	33.0	1.0	2.0		20.0	
82	7716297	47.2478	-67.2790	0	0	1	12.0	24.0	65.0	610.0	1.72	13.0	37.0	1.0	2.0		20.0	
82	7716298	47.2366	-67.2572	0	0	1	14.0	31.0	65.0	1100.0	1.71	14.0	33.0	1.0	2.0	7.0	20.0	
82	7716299	47.2343	-67.2555	0	0	1	22.0	24.0	103.0	640.0	2.59	21.0	62.0	1.0	2.0		20.0	
82	7716300	47.2330	-67.2514	0	0	1	23.0	38.0	133.0	1800.0	2.36	19.0	56.0	1.0	2.0		16.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7716 21 O/SF

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7716301	47.2350	-67.2518	0	0	1	26.0	31.0	122.0	1300.0	2.76	22.0	66.0	1.0	2.0		20.0	
82	7716302	47.2365	-67.2532	0	0	1	17.0	24.0	73.0	920.0	2.39	18.0	46.0	1.0	2.0		20.0	
82	7716303	47.2380	-67.2512	0	0	1	21.0	28.0	107.0	1100.0	2.66	21.0	59.0	1.0	2.0		20.0	
82	7716304	47.2395	-67.2505	0	0	1	18.0	24.0	93.0	1000.0	2.43	19.0	53.0	1.0	2.0	5.0	16.0	
82	7716305	47.2340	-67.3306	0	0	1	14.0	23.0	66.0	730.0	1.06	9.0	31.0	1.0	2.0	3.5	8.0	
82	7716306	47.2326	-67.3330	0	0	1	21.0	29.0	71.0	330.0	2.59	20.0	69.0	1.0	2.0		12.0	
82	7716307	47.2305	-67.3344	0	0	1	20.0	52.0	58.0	370.0	.48	11.0	23.0	1.0	2.0		4.0	
82	7716308	47.2266	-67.3358	0	0	1	22.0	32.0	190.0	1400.0	1.71	14.0	46.0	1.0	2.0	2.5	12.0	
82	7716309	47.2064	-67.3308	0	0	1	19.0	41.0	39.0	220.0	.64	12.0	23.0	1.0	2.0		12.0	
82	7716310	47.2065	-67.3323	0	0	1	12.0	23.0	91.0	370.0	1.98	14.0	46.0	1.0	2.0		16.0	
82	7716311	47.2088	-67.3322	0	0	1	10.0	23.0	55.0	190.0	1.58	11.0	43.0	.5	2.0	1.6	16.0	
82	7716312	47.2106	-67.3335	0	0	1	14.0	24.0	60.0	460.0	2.20	15.0	61.0	1.0	2.0		8.0	
82	7716313	47.2032	-67.3205	0	0	1	28.0	29.0	66.0	1300.0	2.77	20.0	50.0	1.5	2.0		16.0	
82	7716314	47.2037	-67.3178	0	0	1	32.0	26.0	55.0	1500.0	2.42	18.0	46.0	1.5	2.0	16.8	12.0	
82	7716315	47.2038	-67.3222	0	0	1	13.0	26.0	71.0	950.0	1.46	12.0	34.0	1.0	2.0		12.0	
82	7716316	47.2053	-67.3203	0	0	1	15.0	23.0	71.0	780.0	1.91	17.0	40.0	1.0	2.0		16.0	
82	7716317	47.2071	-67.3180	0	0	1	18.0	55.0	70.0	620.0	2.45	16.0	45.0	1.0	2.0	4.5		
82	7716318	47.2085	-67.3156	0	0	1	11.0	26.0	58.0	500.0	1.25	11.0	27.0	1.0	2.0		24.0	
82	7716319	47.2102	-67.3128	0	0	1	16.0	32.0	38.0	700.0	1.71	11.0	23.0	1.0	2.0		20.0	
82	7716320	47.2122	-67.3117	0	0	1	21.0	64.0	53.0	3100.0	1.67	18.0	36.0	1.5	2.0	13.6	20.0	
82	7716321	47.2087	-67.3125	0	0	1	17.0	98.0	98.0	1600.0	2.26	19.0	48.0	1.0	2.0		12.0	
82	7716322	47.2085	-67.3080	0	0	1	9.0	23.0	70.0	650.0	1.77	15.0	38.0	1.0	2.0		12.0	
82	7716323	47.2102	-67.3064	0	0	1	11.0	26.0	70.0	600.0	1.73	14.0	35.0	1.0	2.0	4.3	12.0	
82	7716324	47.1953	-67.3160	0	0	1	21.0	26.0	61.0	820.0	2.35	16.0	41.0	1.5	2.0		8.0	
82	7716325	47.1985	-67.3122	0	0	1	23.0	23.0	60.0	290.0	2.58	19.0	55.0	1.5	2.0	7.3	8.0	
82	7716326	47.2214	-67.2957	0	0	1	16.0	32.0	70.0	1100.0	1.34	10.0	30.0	1.0	2.0		8.0	
82	7716327	47.2248	-67.3010	0	0	1	13.0	23.0	67.0	590.0	1.75	13.0	38.0	1.0	2.0	2.6	8.0	
82	7716328	47.2247	-67.3162	0	0	1	16.0	29.0	95.0	1100.0	2.42	16.0	55.0	1.5	2.0		8.0	
82	7716329	47.2269	-67.3169	0	0	1	16.0	26.0	100.0	1100.0	2.60	17.0	57.0	1.5	2.0		8.0	
82	7716330	47.2247	-67.3130	0	0	1	9.0	14.0	70.0	300.0	1.56	11.0	37.0	.5	2.0	2.5	12.0	
82	7716331	47.2269	-67.3110	0	0	1	9.0	17.0	67.0	220.0	1.56	12.0	38.0	1.0	2.0		8.0	
82	7716332	47.2284	-67.3085	0	0	1	11.0	20.0	67.0	160.0	1.75	13.0	40.0	.5	2.0		12.0	
82	7716333	47.2265	-67.3032	0	0	1	8.0	17.0	67.0	240.0	1.47	12.0	35.0	1.0				
82	7716334	47.2206	-67.3135	0	0	1	16.0	26.0	101.0	790.0	1.85	14.0	43.0	1.5	2.0	6.2	12.0	
82	7716335	47.2200	-67.3175	0	0	1	13.0	20.0	72.0	400.0	2.01	14.0	45.0	1.0	2.0		16.0	
82	7716336	47.2112	-67.3259	0	0	1	11.0	20.0	74.0	190.0	1.72	13.0	43.0	1.0	2.0		12.0	
82	7716337	47.2132	-67.3297	0	0	1	17.0	20.0	87.0	180.0	2.46	20.0	59.0	1.0	2.0	3.2	12.0	
82	7716338	47.2155	-67.3222	0	0	1	9.0	17.0	74.0	160.0	2.46	13.0	42.0	1.0	2.0		8.0	
82	7716339	47.2180	-67.3212	0	0	1	10.0	26.0	72.0	130.0	2.03	16.0	49.0	1.0	2.0		8.0	
82	7716340	47.2095	-67.3278	0	0	1	12.0	23.0	83.0	430.0	2.00	15.0	45.0	1.0	2.0	3.1	12.0	
82	7716341	47.1745	-67.3172	0	0	1	14.0	23.0	92.0	580.0	2.47	19.0	47.0	1.0	2.0		12.0	
82	7716342	47.1776	-67.3144	0	0	1	12.0	23.0	85.0	250.0	2.31	16.0	48.0	1.0	2.0		12.0	
82	7716343	47.1798	-67.3134	0	0	1	23.0	29.0	95.0	260.0	2.82	23.0	64.0	1.0	2.0	2.0	8.0	
82	7716344	47.1825	-67.3120	0	0	1	12.0	20.0	82.0	490.0	2.14	16.0	43.0	1.0	2.0		12.0	
82	7716345	47.2002	-67.3250	0	0	1	20.0	26.0	100.0	800.0	2.76	19.0	56.0	1.0	2.0	5.6	12.0	
82	7716346	47.1979	-67.3252	0	0	1	14.0	20.0	82.0	170.0	2.28	16.0	63.0	1.0	2.0		12.0	
82	7716347	47.1963	-67.3235	0	0	1	18.0	23.0	88.0	280.0	2.65	19.0	65.0	1.0	2.0		8.0	
82	7716348	47.1945	-67.3230	0	0	1	16.0	20.0	92.0	680.0	2.50	18.0	63.0	1.0	2.0	2.5	8.0	
82	7716349	47.1928	-67.3210	0	0	1	24.0	26.0	92.0	870.0	2.80	19.0	53.0	1.5	2.0		12.0	
82	7716350	47.1937	-67.3183	0	0	1	21.0	26.0	93.0	1200.0	2.50	19.0	54.0	1.0	2.0		12.0	

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MAP SHEET 7716 21 O/3F

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7716351	47.1768	-67.3192	0	0	1	28.0	23.0	83.0	210.0	2.83	21.0	69.0	1.0	2.0	2.5	8.0	
82	7716352	47.1870	-67.3200	0	0	1	24.0	29.0	103.0	890.0	2.89	19.0	54.0	1.5	2.0		12.0	
82	7716353	47.1722	-67.3168	0	0	1	14.0	20.0	83.0	560.0	2.57	20.0	56.0	1.0	2.0		8.0	
82	7716354	47.1747	-67.3197	0	0	1	16.0	23.0	81.0	910.0	2.68	20.0	60.0	1.0	2.0	2.2	12.0	
82	7716355	47.1705	-67.3163	0	0	1	12.0	17.0	73.0	850.0	1.97	16.0	45.0	1.0	2.0		12.0	
82	7716356	47.1688	-67.3150	0	0	1	12.0	20.0	78.0	760.0	2.14	17.0	48.0	1.0	2.0		8.0	
82	7716357	47.1674	-67.3140	0	0	1	12.0	20.0	89.0	660.0	2.40	18.0	54.0	1.0	2.0	2.6	8.0	
82	7716358	47.1663	-67.3139	0	0	1	14.0	20.0	89.0	1100.0	2.42	19.0	56.0	1.0	2.0		8.0	
82	7716359	47.1627	-67.3123	0	0	1	12.0	17.0	80.0	560.0	2.14	17.0	46.0	1.0	2.0		8.0	
82	7716360	47.1607	-67.3133	0	0	1	13.0	20.0	86.0	1100.0	2.39	18.0	51.0	1.0	2.0	2.5	12.0	
82	7716361	47.1583	-67.3115	0	0	1	11.0	17.0	80.0	760.0	2.13	16.0	48.0	1.0	2.0		12.0	
82	7716362	47.1554	-67.3060	0	0	1	10.0	20.0	76.0	300.0	2.34	17.0	49.0	1.0	2.0		12.0	
82	7716363	47.1537	-67.3033	0	0	1	14.0	23.0	86.0	700.0	2.64	19.0	55.0	1.0	2.0	2.2	12.0	
82	7716364	47.1644	-67.3080	0	0	1	18.0	26.0	71.0	1600.0	1.90	16.0	38.0	1.0	2.0		12.0	
82	7716365	47.1656	-67.3050	0	0	1	18.0	23.0	46.0	1500.0	2.10	15.0	35.0	1.0	2.0		8.0	
82	7716366	47.1662	-67.3011	0	0	1	17.0	29.0	70.0	1300.0	2.34	18.0	49.0	1.0	2.0	6.6	8.0	
82	7716367	47.1647	-67.3117	0	0	1	20.0	23.0	60.0	980.0	2.33	19.0	52.0	1.0	2.0		12.0	
82	7716368	47.1786	-67.3282	0	0	1	15.0	23.0	89.0	630.0	2.73	20.0	53.0	1.0	2.0		12.0	
82	7716369	47.1777	-67.3315	0	0	1	15.0	29.0	101.0	750.0	3.10	23.0	62.0	1.0	2.0		8.0	
82	7716370	47.1765	-67.3351	0	0	1	19.0	29.0	104.0	840.0	3.00	25.0	63.0	1.0	2.0	4.2	8.0	
82	7716371	47.1742	-67.3370	0	0	1	16.0	26.0	104.0	1000.0	3.00	23.0	59.0	1.5	2.0		8.0	
82	7716372	47.1729	-67.3380	0	0	1	11.0	23.0	89.0	270.0	2.04	17.0	44.0	1.0	2.0		12.0	
82	7716373	47.1736	-67.3442	0	0	1	14.0	20.0	88.0	420.0	2.29	19.0	53.0	1.0	2.0	2.5	12.0	
82	7716374	47.1785	-67.3230	0	0	1	12.0	26.0	79.0	420.0	2.08	16.0	53.0	1.0	2.0		8.0	
82	7716375	47.1814	-67.3210	0	0	1	16.0	26.0	85.0	480.0	2.72	21.0	76.0	1.0	2.0		8.0	
82	7716376	47.1840	-67.3208	0	0	1	19.0	26.0	77.0	330.0	2.51	20.0	64.0	1.0	2.0	2.7	8.0	
82	7716377	47.1868	-67.3242	0	0	1	16.0	29.0	111.0	2800.0	2.95	26.0	56.0	1.0	2.0		16.0	
82	7716378	47.1452	-67.3070	0	0	1	26.0	29.0	115.0	3000.0	2.29	21.0	49.0	1.0	2.0		8.0	
82	7716379	47.1462	-67.3115	0	0	1	21.0	35.0	115.0	1700.0	2.30	19.0	45.0	1.0	2.0	5.5	8.0	
82	7716380	47.1455	-67.3157	0	0	1	22.0	38.0	123.0	1800.0	2.59	20.0	47.0	1.0	2.0		12.0	
82	7716381	47.1454	-67.3198	0	0	1	24.0	52.0	131.0	2700.0	2.01	19.0	43.0	1.0	2.0		12.0	
82	7716382	47.1253	-67.3368	0	0	1	12.0	23.0	81.0	640.0	2.09	17.0	43.0	1.0	2.0	3.2	12.0	
82	7716383	47.1269	-67.3388	0	0	1	13.0	26.0	92.0	540.0	2.69	21.0	56.0	1.0	2.0		8.0	
82	7716384	47.1277	-67.3410	0	0	1	19.0	35.0	84.0	990.0	2.38	21.0	48.0	1.0	2.0		12.0	
82	7716385	47.1275	-67.3458	0	0	1	13.0	35.0	85.0	690.0	2.29	17.0	40.0	1.0	2.0	3.2	12.0	
82	7716386	47.1266	-67.3497	0	0	1	15.0	41.0	79.0	6300.0	2.27	21.0	40.0	1.0	2.0		12.0	
82	7716387	47.1298	-67.3450	0	0	1	11.0	20.0	73.0	570.0	2.02	16.0	41.0	1.0	2.0		12.0	
82	7716388	47.1317	-67.3478	0	0	1	13.0	20.0	68.0	350.0	2.15	17.0	47.0	1.0	2.0	6.2	12.0	
82	7716389	47.1253	-67.3710	0	0	2	14.0	26.0	110.0	620.0	3.07	26.0	67.0	1.0	2.0	3.0	12.0	
82	7716390	47.1598	-67.2508	0	0	1	18.0	26.0	81.0	480.0	2.55	21.0	58.0	1.0	2.0		4.0	
82	7716391	47.1566	-67.2525	0	0	1	18.0	24.0	92.0	1100.0	2.90	21.0	61.0	1.0	2.0		12.0	
82	7716392	47.1536	-67.2565	0	0	1	15.0	26.0	87.0	480.0	2.58	19.0	53.0	1.0	2.0		2.0	
82	7716393	47.1502	-67.2535	0	0	1	11.0	23.0	76.0	710.0	2.05	16.0	44.0	1.0	2.0	3.6	8.0	
82	7716394	47.1504	-67.2592	0	0	1	12.0	23.0	87.0	470.0	2.46	19.0	47.0	.5	2.0		8.0	
82	7716395	47.1512	-67.2627	0	0	1	12.0	23.0	78.0	300.0	2.45	19.0	51.0	.5	2.0		8.0	
82	7716396	47.1530	-67.2648	0	0	1	13.0	23.0	85.0	740.0	2.45	18.0	47.0	1.0	2.0	4.0	8.0	
82	7716397	47.1557	-67.2669	0	0	1	14.0	23.0	90.0	630.0	2.63	19.0	53.0	.5	2.0		8.0	
82	7716398	47.1584	-67.2675	0	0	1	14.0	21.0	87.0	560.0	2.77	20.0	55.0	.5	2.0		12.0	
82	7716399	47.1612	-67.2702	0	0	1	15.0	26.0	93.0	820.0	2.62	20.0	52.0	1.0	2.0		8.0	
82	7716400	47.1640	-67.2728	0	0	1	15.0	26.0	106.0	740.0	2.90	22.0	59.0	1.0	2.0	3.5	12.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7716 21 O/3F

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7716401	47.1662	-67.2740	0	0	1	15.0	27.0	67.0	250.0	2.44	19.0	50.0	1.0	2.0		8.0	
82	7716402	47.1662	-67.2792	0	0	2	15.0	24.0	87.0	800.0	2.63	20.0	54.0	1.0	2.0		12.0	
82	7716403	47.1692	-67.2760	0	0	1	14.0	24.0	76.0	750.0	2.20	17.0	45.0	1.0	2.0	3.7	8.0	
82	7716404	47.1715	-67.2770	0	0	1	15.0	27.0	87.0	740.0	2.51	18.0	50.0	1.0	2.0		8.0	
82	7716405	47.1747	-67.2777	0	0	1	26.0	33.0	76.0	1300.0	2.96	20.0	56.0	1.0	2.0		4.0	
82	7716406	47.1768	-67.2785	0	0	1	16.0	27.0	81.0	960.0	2.52	18.0	47.0	1.0	2.0	5.0	8.0	
82	7716407	47.1595	-67.2548	0	0	1	14.0	30.0	73.0	700.0	2.84	20.0	54.0	1.0	2.0		12.0	
82	7716408	47.1575	-67.2554	0	0	1	10.0	24.0	54.0	730.0	2.06	14.0	38.0	.5	2.0		8.0	
82	7716409	47.1614	-67.2556	0	0	1	16.0	30.0	67.0	420.0	2.78	20.0	53.0	.5	2.0	3.6	4.0	
82	7716410	47.1630	-67.2576	0	0	1	13.0	27.0	67.0	570.0	2.69	19.0	49.0	.5	2.0		8.0	
82	7716411	47.2172	-67.2760	0	0	1	17.0	24.0	92.0	540.0	2.83	23.0	59.0	1.0	2.0		12.0	
82	7716412	47.2173	-67.2800	0	0	1	17.0	30.0	90.0	610.0	2.91	22.0	63.0	1.0	2.0		12.0	
82	7716413	47.2192	-67.2823	0	0	1	18.0	27.0	108.0	620.0	3.18	25.0	68.0	1.0	2.0	4.2	8.0	
82	7716414	47.2193	-67.2733	0	0	1	18.0	27.0	97.0	1100.0	3.08	25.0	63.0	1.0	2.0		12.0	
82	7716415	47.2227	-67.2698	0	0	1	18.0	27.0	76.0	810.0	2.77	21.0	57.0	1.0	2.0	4.0	12.0	
82	7716416	47.2245	-67.2718	0	0	1	15.0	30.0	71.0	910.0	2.44	18.0	46.0	1.0	2.0		8.0	
82	7716417	47.2263	-67.2729	0	0	1	15.0	30.0	77.0	1000.0	2.66	20.0	53.0	1.0	2.0		12.0	
82	7716418	47.2278	-67.2652	0	0	1	21.0	30.0	84.0	1000.0	2.93	20.0	56.0	1.0	2.0	4.1	4.0	
82	7716419	47.2309	-67.2653	0	0	1	21.0	27.0	75.0	1500.0	2.73	24.0	61.0	1.0	2.0		8.0	
82	7716420	47.2270	-67.2630	0	0	1	18.0	20.0	100.0	670.0	2.97	23.0	63.0	1.0	2.0		12.0	
82	7716421	47.2295	-67.2614	0	0	1	17.0	27.0	83.0	640.0	2.69	21.0	57.0	1.0	2.0	4.2	12.0	
82	7716422	47.2245	-67.2660	0	0	1	19.0	27.0	89.0	770.0	2.82	22.0	58.0	1.0	2.0		12.0	
82	7716423	47.2228	-67.2670	0	0	1	15.0	27.0	84.0	590.0	2.84	22.0	58.0	1.0	2.0		4.0	
82	7716424	47.2192	-67.2685	0	0	1	15.0	27.0	79.0	720.0	2.67	20.0	55.0	1.0	2.0		8.0	
82	7716425	47.2178	-67.2672	0	0	1	15.0	24.0	88.0	570.0	2.76	21.0	58.0	1.0	2.0		8.0	
82	7716426	47.2153	-67.2670	0	0	1	18.0	30.0	86.0	850.0	2.76	21.0	60.0	1.0	2.0	3.5	4.0	
82	7716427	47.2127	-67.2664	0	0	1	18.0	27.0	91.0	750.0	3.29	25.0	68.0	1.0	2.0		8.0	
82	7716428	47.2215	-67.2642	0	0	1	27.0	30.0	88.0	1500.0	3.03	23.0	65.0	1.0	2.0		8.0	
82	7716429	47.2242	-67.2602	0	0	1	39.0	30.0	91.0	1500.0	3.37	24.0	84.0	1.5	2.0	9.1	8.0	
82	7716430	47.1465	-67.3658	0	0	1	7.0	18.0	58.0	440.0	1.53	11.0	30.0	1.0	2.0		12.0	
82	7716431	47.1485	-67.3702	0	0	1	16.0	21.0	65.0	480.0	1.57	13.0	32.0	1.0			12.0	
82	7716432	47.1508	-67.3720	0	0	1	9.0	21.0	75.0	630.0	1.69	13.0	36.0	1.0	2.0		16.0	
82	7716433	47.1526	-67.3746	0	0	1	8.0	21.0	70.0	690.0	1.63	13.0	34.0	1.0	2.0		8.0	
82	7716434	47.1930	-67.3487	0	0	1	20.0	30.0	85.0	1600.0	1.90	15.0	39.0	1.0	2.0		20.0	
82	7716435	47.1917	-67.3515	0	0	1	18.0	27.0	82.0	1800.0	2.17	16.0	44.0	1.0	2.0		20.0	
82	7716436	47.1382	-67.2500	0	0	2	2.0	17.0	12.0	100.0	.29	3.0	10.0	.5	2.0		12.0	
82	7716437	47.1590	-67.2910	0	0	1	25.0	25.0	70.0	400.0	1.73	19.0	60.0	1.0	2.0	4.0	8.0	
82	7716437	47.1590	-67.2910	0	0	1	25.0	25.0	70.0	400.0	1.73	19.0	60.0	1.0	2.0	4.0	8.0	

21 C/3F

1. STATISTICS 1

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* COPPER *
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VARIABLE NUMBER . . . . . : 2
NUMBER OF DISTINCT VALUES . 36
NUMBER OF VALUES COUNTED. . 437
NUMBER OF VALUES NOT COUNTED 0

MAXIMUM	54.0000000
MINIMUM	2.0000000
RANGE	52.0000000
VARIANCE	43.1036377
ST.DEV.	6.5653372
(Q3-Q1)/2	3.5000000
MX.ST.SC.	5.78
MN.ST.SC.	-2.14

LOCATION ESTIMATES

		ST.ERROR
MEAN	16.0411835	0.3140627
MEDIAN	15.0000000	0.2886752
MODE	13.0000000	

EACH '-' ABOVE = 2.5000
L= 0.0
U= 65.0000
CASE NO. OF MIN. VAL. = 436
CASE NO. OF MAX. VAL. = 102

	VALUE	VALUE/S.E.
SKEWNESS	1.42	12.12
KURTOSIS	4.02	17.13

Q1= 12.0000000
Q3= 19.0000000
S-= 9.4758463
S+= 22.6065063

EACH '.' BELOW = 0.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2.	1	0.2	0.2	11.	26	5.9	21.1	20.	12	2.7	79.4	30.	4	0.9	96.6
3.	1	0.2	0.5	12.	41	9.4	30.4	21.	19	4.3	83.8	31.	4	0.9	97.5
4.	1	0.2	0.7	13.	43	9.8	40.3	22.	10	2.3	86.0	32.	3	0.7	98.2
5.	3	0.7	1.4	14.	37	8.5	48.7	23.	8	1.8	87.9	34.	2	0.5	98.6
6.	8	1.8	3.2	15.	35	8.0	56.8	24.	9	2.1	89.9	35.	1	0.2	98.9
7.	5	1.1	4.3	16.	27	6.2	62.9	25.	3	0.7	90.6	37.	1	0.2	99.1
8.	10	2.3	6.6	17.	16	3.7	66.6	26.	10	2.3	92.9	39.	2	0.5	99.5
9.	22	5.0	11.7	18.	30	6.9	73.5	27.	6	1.4	94.3	49.	1	0.2	99.8
10.	15	3.4	15.1	19.	14	3.2	76.7	28.	6	1.4	95.7	54.	1	0.2	100.0

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PAGE   3  BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES  INCLUDES ALL SAMPLES FOR MAP SHEET  7716 21 O/3F

  ************
  * LEAD     *
  ************

VARIABLE NUMBER . . . . . .        3
NUMBER OF DISTINCT VALUES .       35
NUMBER OF VALUES COUNTED. .      437
NUMBER OF VALUES NOT COUNTED       0

LOCATION ESTIMATES                                  ST.ERROR
                  MEAN            27.1075439        0.3836089
                  MEDIAN          26.0000000        0.5773506
                  MODE            23.0000000

                                  MAXIMUM          98.0000000
                                  MINIMUM          14.0000000
                                  RANGE            84.0000000
                                  VARIANCE         64.3070679
                                  ST.DEV.           8.0191689
                                  (Q3-Q1)/2         3.5000000
                                  MX.ST.SC.         8.84
                                  MN.ST.SC.        -1.63

                                                                                  HH
                                                                                  HH
                                                                                  HH
                                                                                  HH
                                                                                  HH
                                                                                  HH
                                                                                 HHHH
                                                                                 HHHH
                                                                                 HHHHH
                                                                                HHHHHHHHHHH      H
                                                                              L-------------------------U

                                                                                 EACH 'H'
                                                                                REPRESENTS
                                                                                    15
                                                                                 COUNT(S)

                                                                                EACH '-' ABOVE =       5.0000
                                                                                            L=       0.0
                                                                                            U=     129.9999
                                                                            CASE NO. OF MIN. VAL. =  271
                                                                            CASE NO. OF MAX. VAL. =  321

                                                                                                  Q1=   23.0000000
                                                                                VALUE   VALUE/S.E.  Q3=   30.0000000
                                                                  SKEWNESS       3.72       31.75  S-=   19.0883636
                                                                  KURTOSIS      26.40      112.67  S+=   35.1267090

                                                                                EACH '.' BELOW =       0.7500

          S     Q         Q      S
     M    -     M   M M   3      +                                                                                M
     I.........O...E.E.........................................................................................A
     N          D   D A                                                                                          X
                E   I N

                    PERCENTS                                PERCENTS                                PERCENTS                                PERCENTS
   VALUE    COUNT  CELL   CUM      VALUE    COUNT  CELL   CUM      VALUE    COUNT  CELL   CUM      VALUE    COUNT  CELL   CUM
     14.      3    0.7    0.7        24.     32    7.3   42.1        33.     10    2.3   86.0        46.      1    0.2   97.7
     15.      1    0.2    0.9        25.     17    3.9   46.0        34.     20    4.6   90.6        47.      2    0.5   98.2
     17.     15    3.4    4.3        26.     28    6.4   52.4        35.      4    0.9   91.5        49.      1    0.2   98.4
     18.      3    0.7    5.0        27.     48   11.0   63.4        36.      1    0.2   91.8        52.      3    0.7   99.1
     19.      1    0.2    5.3        28.     25    5.7   69.1        37.     14    3.2   95.0        55.      1    0.2   99.3
     20.     35    8.0   13.3        29.     12    2.7   71.9        38.      2    0.5   95.4        64.      1    0.2   99.5
     21.     28    6.4   19.7        30.     29    6.6   78.5        40.      4    0.9   96.3        96.      1    0.2   99.8
     22.      6    1.4   21.1        31.     19    4.3   82.8        41.      2    0.5   96.8        98.      1    0.2  100.0
     23.     60   13.7   34.8        32.      4    0.9   83.8        43.      3    0.7   97.5
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PAGE 4 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7716 21 0/3F

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************
* ZINC     *
************                                MAXIMUM         190.0000000
                                            MINIMUM          12.0000000
                                            RANGE           178.0000000
VARIABLE NUMBER . . . . . . .        4      VARIANCE        427.8596191
NUMBER OF DISTINCT VALUES .         90      ST.DEV.          20.6847687
NUMBER OF VALUES COUNTED. .        437      (Q3-Q1)/2        11.5000000
NUMBER OF VALUES NOT COUNTED         0      MX.ST.SC.         5.24
                                            MN.ST.SC.        -3.37

LOCATION ESTIMATES                                   ST.ERROR
                  MEAN           81.6224213         0.9894868
                  MEDIAN         79.0000000         1.1547003
                  MODE           NOT UNIQUE
```

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                 H
                HHH
               HHHH
               HHHH                EACH 'H'
               HHHHH              REPRESENTS
               HHHHH                   8
             HHHHHHH               COUNT(S)
             HHHHHHH
             HHHHHHHHHHH
  HH HHHHHHHHHHHHHH  H HH H
L--------------------------U

          EACH '-' ABOVE =       7.5000
                       L=        7.5000
                       U=      202.4999
   CASE NO. OF MIN. VAL. =  436
   CASE NO. OF MAX. VAL. =  308

                                            Q1=    68.0000000
                    VALUE    VALUE/S.E.     Q3=    91.0000000
SKEWNESS             1.02          8.75     S-=    60.9376526
KURTOSIS             3.44         14.66     S+=   102.3071899

          EACH '.' BELOW =       1.5000
```

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                        S  Q       M M       Q      S
M                       -  1       M M       3      +                          M
I..................................E.E..................................................A
N                                  D A                                                  X
                                   I N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
12.	1	0.2	0.2	66.	8	1.8	20.6	89.	11	2.5	72.3	112.	1	0.2	92.4
18.	1	0.2	0.5	67.	12	2.7	23.3	90.	8	1.8	74.1	113.	1	0.2	92.7
36.	1	0.2	0.7	68.	11	2.5	25.9	91.	7	1.6	75.7	114.	2	0.5	93.1
38.	1	0.2	0.9	69.	2	0.5	26.3	92.	9	2.1	77.8	115.	5	1.1	94.3
39.	1	0.2	1.1	70.	16	3.7	30.0	93.	4	0.9	78.7	117.	1	0.2	94.5
41.	1	0.2	1.4	71.	9	2.1	32.0	94.	4	0.9	79.6	118.	1	0.2	94.7
43.	2	0.5	1.8	72.	8	1.8	33.9	95.	4	0.9	80.5	120.	1	0.2	95.0
45.	3	0.7	2.5	73.	12	2.7	36.6	96.	3	0.7	81.2	121.	2	0.5	95.4
46.	1	0.2	2.7	74.	10	2.3	38.9	97.	5	1.1	82.4	122.	2	0.5	95.9
51.	2	0.5	3.2	75.	8	1.8	40.7	98.	3	0.7	83.1	123.	3	0.7	96.6
53.	1	0.2	3.4	76.	8	1.8	42.6	99.	4	0.9	84.0	124.	1	0.2	96.8
54.	2	0.5	3.9	77.	16	3.7	46.2	100.	6	1.4	85.4	126.	2	0.5	97.3
55.	3	0.7	4.6	78.	12	2.7	49.0	101.	4	0.9	86.3	129.	4	0.9	98.2
56.	2	0.5	5.0	79.	12	2.7	51.7	102.	2	0.5	86.7	130.	1	0.2	98.4
57.	7	1.6	6.6	80.	6	1.4	53.1	103.	5	1.1	87.9	131.	1	0.2	98.6
58.	6	1.4	8.0	81.	9	2.1	55.1	104.	4	0.9	88.8	133.	1	0.2	98.9
59.	5	1.1	9.2	82.	9	2.1	57.2	105.	2	0.5	89.2	155.	1	0.2	99.1
60.	11	2.5	11.7	83.	14	3.2	60.4	106.	2	0.5	89.7	157.	1	0.2	99.3
61.	3	0.7	12.4	84.	3	0.7	61.1	107.	3	0.7	90.4	171.	1	0.2	99.5
62.	10	2.3	14.6	85.	11	2.5	63.6	108.	1	0.2	90.6	173.	1	0.2	99.8
63.	7	1.6	16.2	86.	8	1.8	65.4	109.	4	0.9	91.5	190.	1	0.2	100.0
64.	2	0.5	16.7	87.	13	3.0	68.4	110.	1	0.2	91.8				
65.	9	2.1	18.8	88.	6	1.4	69.8	111.	2	0.5	92.2				

****
* MANGANES *
****

VARIABLE NUMBER	5	MAXIMUM	6800.0000000
NUMBER OF DISTINCT VALUES .	122	MINIMUM	90.0000000
NUMBER OF VALUES COUNTED. .	437	RANGE	6710.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	837489.5000000
		ST.DEV.	915.1448313
		(Q3-Q1)/2	300.0000000
		MX.ST.SC.	6.34
		MN.ST.SC.	-0.99

LOCATION ESTIMATES

		ST.ERROR
MEAN	999.2150879	43.7772980
MEDIAN	740.0000000	23.0940094
MODE	1100.0000000	

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HH
HH
HH
HH
HH                                  EACH 'H'
HHH                                 REPRESENTS
HHHH                                   12
HHHHH                               COUNT(S)
HHHHHH
HHHHHHH
HHHHHHHHHHHHHHHHH   HHH H
L-------------------------U
```

EACH '-' ABOVE = 300.0000
L= 0.0
U= 7800.0000
CASE NO. OF MIN. VAL. = 152
CASE NO. OF MAX. VAL. = 100

	VALUE	VALUE/S.E.
SKEWNESS	3.06	26.08
KURTOSIS	12.48	53.23

Q1= 500.0000000
Q3= 1100.0000000
S-= 84.0708566
S+= 1914.3596191

EACH '.' BELOW = 75.0000

```
S   Q        Q        S
M   1  M     MM       +
I.......E....EO.....................................................M
N       D    AD                                                   A
        I    NE                                                   X
```

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
90.	1	0.2	0.2	410.	5	1.1	18.5	720.	3	0.7	48.5	1400.	14	3.2	81.9
100.	1	0.2	0.5	420.	4	0.9	19.5	730.	4	0.9	49.4	1500.	13	3.0	84.9
120.	2	0.5	0.9	430.	4	0.9	20.4	740.	5	1.1	50.6	1600.	12	2.7	87.6
130.	3	0.7	1.6	440.	2	0.5	20.8	750.	7	1.6	52.2	1700.	2	0.5	88.1
140.	1	0.2	1.8	450.	2	0.5	21.3	760.	4	0.9	53.1	1800.	7	1.6	89.7
150.	1	0.2	2.1	460.	3	0.7	22.0	770.	4	0.9	54.0	1900.	1	0.2	89.9
160.	3	0.7	2.7	470.	2	0.5	22.4	780.	4	0.9	54.9	2000.	5	1.1	91.1
170.	2	0.5	3.2	480.	6	1.4	23.8	790.	3	0.7	55.6	2100.	3	0.7	91.8
180.	4	0.9	4.1	490.	3	0.7	24.5	800.	5	1.1	56.8	2200.	2	0.5	92.2
190.	2	0.5	4.6	500.	3	0.7	25.2	810.	2	0.5	57.2	2300.	4	0.9	93.1
200.	3	0.7	5.3	510.	4	0.9	26.1	820.	6	1.4	58.6	2400.	5	1.1	94.3
210.	1	0.2	5.5	520.	5	1.1	27.2	830.	1	0.2	58.8	2500.	1	0.2	94.5
220.	4	0.9	6.4	530.	4	0.9	28.1	840.	3	0.7	59.5	2600.	3	0.7	95.2
230.	2	0.5	6.9	540.	6	1.4	29.5	850.	4	0.9	60.4	2700.	1	0.2	95.4
240.	3	0.7	7.6	550.	3	0.7	30.2	860.	2	0.5	60.9	2800.	3	0.7	96.1
250.	3	0.7	8.2	560.	8	1.8	32.0	870.	5	1.1	62.0	2900.	2	0.5	96.6
260.	1	0.2	8.5	570.	6	1.4	33.4	880.	3	0.7	62.7	3000.	1	0.2	96.8
270.	1	0.2	8.7	580.	4	0.9	34.3	890.	3	0.7	63.4	3100.	2	0.5	97.3
280.	3	0.7	9.4	590.	7	1.6	35.9	900.	1	0.2	63.6	3500.	1	0.2	97.5
290.	2	0.5	9.8	600.	4	0.9	36.8	910.	2	0.5	64.1	3700.	1	0.2	97.7
300.	5	1.1	11.0	610.	4	0.9	37.8	920.	1	0.2	64.3	3900.	1	0.2	97.9
310.	2	0.5	11.4	620.	6	1.4	39.1	940.	2	0.5	64.8	4000.	1	0.2	98.2
320.	1	0.2	11.7	630.	5	1.1	40.5	950.	2	0.5	65.2	4200.	1	0.2	98.4

330.	8	1.8	13.5	640.	6	1.4	41.6	960.	1	0.2	65.4	4500.	1	0.2	98.6
340.	1	0.2	13.7	650.	5	1.1	42.8	970.	2	0.5	65.9	5500.	1	0.2	98.9
350.	2	0.5	14.2	660.	2	0.5	43.2	980.	1	0.2	66.1	5800.	1	0.2	99.1
360.	1	0.2	14.4	670.	4	0.9	44.2	990.	6	1.4	67.5	5900.	2	0.5	99.5
370.	4	0.9	15.3	680.	3	0.7	44.9	1000.	11	2.5	70.0	6300.	1	0.2	99.8
377.	1	0.2	15.6	690.	4	0.9	45.8	1100.	22	5.0	75.1	6800.	1	0.2	100.0
380.	4	0.9	16.5	700.	4	0.9	46.7	1200.	8	1.8	76.9				
400.	4	0.9	17.4	710.	5	1.1	47.8	1300.	8	1.8	78.7				

PAGE 6 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7716 21 O/3F

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*************
* IRONPCNT *
*************

VARIABLE NUMBER . . . . . . .          6      MAXIMUM        4.1999998
NUMBER OF DISTINCT VALUES .          173      MINIMUM        0.3000000
NUMBER OF VALUES COUNTED. .          437      RANGE          3.8999996
NUMBER OF VALUES NOT COUNTED           0      VARIANCE       0.2725493
                                              ST.DEV.        0.5220626
                                              (Q3-Q1)/2      0.3300004
                                              MX.ST.SC.      3.82
                                              MN.ST.SC.     -3.65

LOCATION ESTIMATES                                ST.ERROR
                    MEAN          2.2046165     0.0249736
                    MEDIAN        2.2699995     0.0259808
                    MODE          2.2999992
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                   H
                  HH
                 HHH
                 HHHH                 EACH 'H'
               H HHHH                REPRESENTS
                HHHHHH                    8
              HHHHHHHH                COUNT(S)
              HHHHHHHH
              HHHHHHHHH
    HHHHHHHHHHHHHHHHH    H
  L--------------------------U

        EACH '-' ABOVE =       0.2000
                    L=         0.0
                    U=         5.2000
  CASE NO. OF MIN. VAL. =  436
  CASE NO. OF MAX. VAL. =  145

                                              Q1=    1.8799992
                        VALUE    VALUE/S.E.   Q3=    2.5400000
  SKEWNESS              -0.50        -4.25    S-=    1.6825533
  KURTOSIS               0.93         3.98    S+=    2.7266708

                  EACH '.' BELOW =        0.0500
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                           S  Q           Q  S
  M                        -  1     MM    3  +                     M
  I.................................EE.............................A
  N                                 AD                             X
                                    NI
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VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.3000	1	0.2	0.2	1.7600	4	0.9	20.4	2.2300	3	0.7	47.6	2.6800	1	0.2	82.2
0.4900	1	0.2	0.5	1.7700	1	0.2	20.6	2.2400	3	0.7	48.3	2.6900	2	0.5	82.6
0.6000	1	0.2	0.7	1.7800	3	0.7	21.3	2.2500	2	0.5	48.7	2.7000	6	1.4	84.0
0.6500	1	0.2	0.9	1.8000	3	0.7	22.0	2.2600	3	0.7	49.4	2.7100	1	0.2	84.2
0.6900	1	0.2	1.1	1.8100	1	0.2	22.2	2.2700	4	0.9	50.3	2.7200	5	1.1	85.4
0.7000	2	0.5	1.6	1.8200	2	0.5	22.7	2.2800	3	0.7	51.0	2.7300	2	0.5	85.8
0.7600	1	0.2	1.8	1.8300	4	0.9	23.6	2.2900	6	1.4	52.4	2.7400	3	0.7	86.5
0.8400	1	0.2	2.1	1.8400	2	0.5	24.0	2.3000	8	1.8	54.2	2.7500	1	0.2	86.7
0.8600	1	0.2	2.3	1.8500	2	0.5	24.5	2.3100	2	0.5	54.7	2.7600	1	0.2	87.0
0.8700	1	0.2	2.5	1.8600	2	0.5	24.9	2.3200	5	1.1	55.8	2.7700	4	0.9	87.9
0.9900	2	0.5	3.0	1.8800	1	0.2	25.2	2.3300	5	1.1	57.0	2.7800	6	1.4	89.2
1.0500	1	0.2	3.2	1.9000	1	0.2	25.4	2.3400	3	0.7	57.7	2.7900	2	0.5	89.7
1.0700	1	0.2	3.4	1.9100	6	1.4	26.8	2.3500	7	1.6	59.3	2.8100	1	0.2	89.9
1.1100	1	0.2	3.7	1.9200	1	0.2	27.0	2.3600	2	0.5	59.7	2.8200	1	0.2	90.2
1.2200	1	0.2	3.9	1.9300	1	0.2	27.2	2.3700	4	0.9	60.6	2.8300	3	0.7	90.8
1.2500	1	0.2	4.1	1.9400	1	0.2	27.5	2.3800	2	0.5	61.1	2.8400	3	0.7	91.5
1.2600	1	0.2	4.3	1.9500	3	0.7	28.1	2.3900	4	0.9	62.0	2.8500	3	0.7	92.2
1.2800	1	0.2	4.6	1.9600	4	0.9	29.1	2.4000	4	0.9	62.9	2.8600	1	0.2	92.4
1.3400	2	0.5	5.0	1.9700	2	0.5	29.5	2.4100	3	0.7	63.6	2.8800	2	0.5	92.9
1.3500	1	0.2	5.3	1.9800	5	1.1	30.7	2.4200	1	0.2	63.8	2.9000	1	0.2	93.1
1.3700	1	0.2	5.5	1.9900	1	0.2	30.9	2.4300	4	0.9	64.8	2.9100	3	0.7	93.8
1.4100	2	0.5	5.9	2.0000	1	0.2	31.1	2.4400	3	0.7	65.4	2.9200	3	0.7	94.5
1.4700	4	0.9	6.9	2.0100	2	0.5	31.6	2.4500	5	1.1	66.6	2.9400	1	0.2	94.7

1.4800	2	0.5	7.3	2.0200	4	0.9	32.5	2.4600	4	0.9	67.5	2.9500	1	0.2	95.0
1.4900	1	0.2	7.6	2.0300	3	0.7	33.2	2.4700	5	1.1	68.6	2.9600	1	0.2	95.2
1.5100	1	0.2	7.8	2.0400	4	0.9	34.1	2.4800	4	0.9	69.6	2.9700	1	0.2	95.4
1.5200	1	0.2	8.0	2.0500	1	0.2	34.3	2.4900	4	0.9	70.5	2.9800	1	0.2	95.7
1.5300	2	0.5	8.5	2.0600	5	1.1	35.5	2.5000	6	1.4	71.9	3.0000	2	0.5	96.1
1.5400	6	1.4	9.8	2.0700	3	0.7	36.2	2.5100	3	0.7	72.6	3.0100	2	0.5	96.6
1.5500	1	0.2	10.1	2.0800	3	0.7	36.8	2.5200	5	1.1	73.7	3.0300	2	0.5	97.0
1.5700	4	0.9	11.0	2.0900	4	0.9	37.8	2.5300	3	0.7	74.4	3.0400	1	0.2	97.3
1.5800	3	0.7	11.7	2.1000	3	0.7	38.4	2.5400	3	0.7	75.1	3.0500	1	0.2	97.5
1.5900	2	0.5	12.1	2.1100	3	0.7	39.1	2.5600	1	0.2	75.3	3.0700	1	0.2	97.7
1.6200	1	0.2	12.4	2.1200	3	0.7	39.8	2.5700	6	1.4	76.7	3.0800	1	0.2	97.9
1.6400	5	1.1	13.5	2.1300	6	1.4	41.2	2.5800	3	0.7	77.3	3.0900	1	0.2	98.2
1.6500	3	0.7	14.2	2.1400	4	0.9	42.1	2.5900	2	0.5	77.8	3.1100	1	0.2	98.4
1.6700	2	0.5	14.6	2.1500	3	0.7	42.8	2.6000	3	0.7	78.5	3.1900	2	0.5	98.9
1.6800	2	0.5	15.1	2.1600	5	1.1	43.9	2.6100	2	0.5	78.9	3.2200	1	0.2	99.1
1.6900	2	0.5	15.6	2.1700	2	0.5	44.4	2.6200	1	0.2	79.2	3.3000	2	0.5	99.5
1.7000	3	0.7	16.2	2.1800	2	0.5	44.9	2.6300	1	0.2	79.4	3.3800	1	0.2	99.8
1.7100	3	0.7	16.9	2.1900	1	0.2	45.1	2.6400	2	0.5	79.9	4.2000	1	0.2	100.0
1.7200	5	1.1	18.1	2.2000	1	0.2	45.3	2.6500	3	0.7	80.5				
1.7300	2	0.5	18.5	2.2100	3	0.7	46.0	2.6600	1	0.2	80.8				
1.7400	4	0.9	19.5	2.2200	4	0.9	46.9	2.6700	5	1.1	81.9				

****
* COBALT *
****

VARIABLE NUMBER	7	MAXIMUM	36.0000000
NUMBER OF DISTINCT VALUES .	25	MINIMUM	3.0000000
NUMBER OF VALUES COUNTED. .	437	RANGE	33.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	17.9810638
		ST.DEV.	4.2404089
		(Q3-Q1)/2	2.0000000
		MX.ST.SC.	4.53
		MN.ST.SC.	-3.25

LOCATION ESTIMATES

		ST.ERROR
MEAN	16.7848969	0.2028463
MEDIAN	17.0000000	0.0
MODE	NOT UNIQUE	

EACH 'H' REPRESENTS 9 COUNT(S)

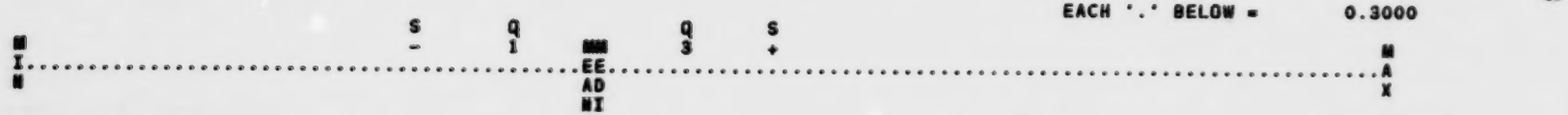
EACH '-' ABOVE = 1.5000
L= 0.0
U= 39.0000

CASE NO. OF MIN. VAL. = 436
CASE NO. OF MAX. VAL. = 145

	VALUE	VALUE/S.E.
SKEWNESS	-0.07	-0.63
KURTOSIS	1.64	7.02

Q1= 15.0000000
Q3= 19.0000000
S-= 12.5444880
S+= 21.0252991

EACH '.' BELOW = 0.3000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
3.	1	0.2	0.2	13.	31	7.1	19.7	20.	32	7.3	83.8	27.	1	0.2	99.3
5.	10	2.3	2.5	14.	22	5.0	24.7	21.	32	7.3	91.1	30.	1	0.2	99.5
8.	1	0.2	2.7	15.	42	9.6	34.3	22.	11	2.5	93.6	32.	1	0.2	99.8
9.	5	1.1	3.9	16.	44	10.1	44.4	23.	9	2.1	95.7	36.	1	0.2	100.0
10.	17	3.9	7.8	17.	50	11.4	55.8	24.	4	0.9	96.6				
11.	10	2.3	10.1	18.	50	11.4	67.3	25.	6	1.4	97.9				
12.	11	2.5	12.6	19.	40	9.2	76.4	26.	5	1.1	99.1				

****
* NICKEL *
****

VARIABLE NUMBER	8	MAXIMUM	133.0000000
NUMBER OF DISTINCT VALUES .	66	MINIMUM	7.0000000
NUMBER OF VALUES COUNTED. .	437	RANGE	126.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	214.8722534
		ST.DEV.	14.6585217
		(Q3-Q1)/2	7.0000000
		MX.ST.SC.	5.87
		MN.ST.SC.	-2.72

LOCATION ESTIMATES

		ST.ERROR
MEAN	46.8901520	0.7012123
MEDIAN	47.0000000	0.5773506
MODE	45.0000000	

EACH 'H' REPRESENTS 10 COUNT(S)

EACH '-' ABOVE = 5.0000
L= 5.0000
U= 134.9999
CASE NO. OF MIN. VAL. = 112
CASE NO. OF MAX. VAL. = 145

	VALUE	VALUE/S.E.
SKEWNESS	0.56	4.78
KURTOSIS	5.03	21.48

Q1= 40.0000000
Q3= 54.0000000
S-= 32.2316284
S+= 61.5486603

EACH '.' BELOW = 1.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
7.	1	0.2	0.2	33.	10	2.3	13.0	50.	14	3.2	62.7	67.	3	0.7	95.4
8.	1	0.2	0.5	34.	5	1.1	14.2	51.	17	3.9	66.6	68.	4	0.9	96.3
9.	2	0.5	0.9	35.	7	1.6	15.8	52.	10	2.3	68.9	69.	3	0.7	97.0
10.	3	0.7	1.6	36.	9	2.1	17.8	53.	17	3.9	72.8	70.	1	0.2	97.3
11.	6	1.4	3.0	37.	8	1.8	19.7	54.	12	2.7	75.5	71.	1	0.2	97.5
12.	1	0.2	3.2	38.	9	2.1	21.7	55.	13	3.0	78.5	74.	1	0.2	97.7
13.	3	0.7	3.9	39.	10	2.3	24.0	56.	12	2.7	81.2	76.	2	0.5	98.2
15.	2	0.5	4.3	40.	8	1.8	25.9	57.	6	1.4	82.6	79.	1	0.2	98.4
16.	4	0.9	5.3	41.	10	2.3	28.1	58.	9	2.1	84.7	84.	1	0.2	98.6
19.	1	0.2	5.5	42.	13	3.0	31.1	59.	9	2.1	86.7	87.	1	0.2	98.9
23.	3	0.7	6.2	43.	13	3.0	34.1	60.	6	1.4	88.1	94.	1	0.2	99.1
25.	1	0.2	6.4	44.	14	3.2	37.3	61.	7	1.6	89.7	95.	1	0.2	99.3
27.	2	0.5	6.9	45.	25	5.7	43.0	62.	7	1.6	91.3	111.	1	0.2	99.5
28.	3	0.7	7.6	46.	18	4.1	47.1	63.	7	1.6	92.9	119.	1	0.2	99.8
30.	6	1.4	8.9	47.	23	5.3	52.4	64.	3	0.7	93.6	133.	1	0.2	100.0
31.	3	0.7	9.6	48.	15	3.4	55.8	65.	4	0.9	94.5				
32.	5	1.1	10.8	49.	16	3.7	59.5	66.	1	0.2	94.7				

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PAGE   9  BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES  INCLUDES ALL SAMPLES FOR MAP SHEET  7716 21 O/3F

  ************
  * SILVER   *
  ************

VARIABLE NUMBER . . . . . .        9
NUMBER OF DISTINCT VALUES .       20
NUMBER OF VALUES COUNTED. .      437
NUMBER OF VALUES NOT COUNTED       0

                                  MAXIMUM          5.0000000
                                  MINIMUM          0.5000000
                                  RANGE            4.5000000
                                  VARIANCE         0.2950634
                                  ST.DEV.          0.5431975
                                  (Q3-Q1)/2        0.0
                                  MX.ST.SC.        7.15
                                  MN.ST.SC.       -1.13

                                                                                                  H
                                                                                                  H
                                                                                                  H
                                                                                                  H
                                                                                                  H
                                                                                                  H
                                                                                                  H
                                                                                                  H
                                                                                                  H
                                                                                                  H
                                                                                                H H HH HHHHHHHH  HHH HHH
                                                                                              L-------------------------U

                                                                                                 EACH 'H'
                                                                                                REPRESENTS
                                                                                                    37
                                                                                                COUNT(S)

LOCATION ESTIMATES
                                                  ST.ERROR
                  MEAN              1.1160135     0.0259847
                  MEDIAN            1.0000000     0.0
                  MODE              1.0000000

                                                                                                 EACH '-' ABOVE =        0.2000
                                                                                                              L=        0.2000
                                                                                                              U=        5.4000
                                                                                             CASE NO. OF MIN. VAL. =    85
                                                                                             CASE NO. OF MAX. VAL. =    96

                                                                                                                  Q1=     1.0000000
                                                                                                VALUE   VALUE/S.E.    Q3=     1.0000000
                                                                                SKEWNESS         4.47       38.12    S-=     0.5728161
                                                                                KURTOSIS        22.78       97.22    S+=     1.6592102

                                                                                                 EACH '.' BELOW =        0.0500
                  S       Q           S
                M -       M  M        +                                                                                M
                I.........E..E.........................................................................................A
                N         D  A                                                                                          X
                          I  N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.5000	20	4.6	4.6	2.1000	1	0.2	95.7	2.9000	2	0.5	97.5	4.0000	2	0.5	99.1
1.0000	370	84.7	89.2	2.2000	2	0.5	96.1	3.1000	1	0.2	97.7	4.2000	1	0.2	99.3
1.4000	1	0.2	89.5	2.4000	2	0.5	96.6	3.2000	2	0.5	98.2	4.7000	1	0.2	99.5
1.5000	23	5.3	94.7	2.6000	1	0.2	96.8	3.3000	1	0.2	98.4	4.8000	1	0.2	99.8
2.0000	3	0.7	95.4	2.8000	1	0.2	97.0	3.8000	1	0.2	98.6	5.0000	1	0.2	100.0

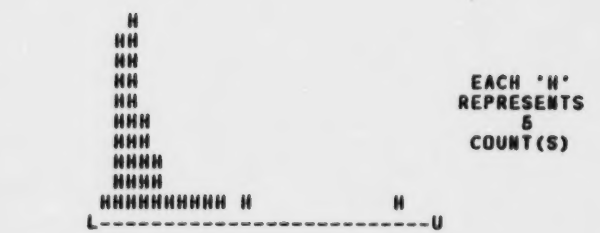
```
PAGE  10  BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES  INCLUDES ALL SAMPLES FOR MAP SHEET  7716 21 O/3F

  ************
  * MOLYBDEN *                                  MAXIMUM        2.0000000
  ************                                  MINIMUM        2.0000000
                                                RANGE          0.0                    H
VARIABLE NUMBER . . . . . .        10          VARIANCE       0.0                    H
NUMBER OF DISTINCT VALUES .         1          ST.DEV.        0.0                    H
NUMBER OF VALUES COUNTED. .       434          (Q3-Q1)/2      0.0                    H                          EACH 'H'
NUMBER OF VALUES NOT COUNTED        3          MX.ST.SC.      0.0                    H                         REPRESENTS
                                                MN.ST.SC.      0.0                    H                             44
                                                                                      H                          COUNT(S)
LOCATION ESTIMATES                                  ST.ERROR                          H
                  MEAN              2.0000000      0.0                                H
                  MEDIAN            2.0000000      0.0                                H
                  MODE              2.0000000                                        L-------------------------U

                                                                                        EACH '-' ABOVE =       0.0
                                                                                                    L=       2.0000
                                                                                                    U=       2.0000
                                                                                  CASE NO. OF MIN. VAL. =    1
                                                                                  CASE NO. OF MAX. VAL. =    1

                                                                                                    Q1=    2.0000000
                                                                                     VALUE   VALUE/S.E.     Q3=    2.0000000
                                                                        SKEWNESS       0.0          0.0     S-=    2.0000000
                                                                        KURTOSIS       0.0          0.0     S+=    2.0000000
                    PERCENTS
    VALUE    COUNT  CELL   CUM
        2.    434 100.0 100.0

-----------------------------------------------------------------------------------------------------------------------------
```

****
* URANIUM *
****

VARIABLE NUMBER	11	MAXIMUM	35.6999969
NUMBER OF DISTINCT VALUES .	62	MINIMUM	1.0000000
NUMBER OF VALUES COUNTED. .	144	RANGE	34.6999969
NUMBER OF VALUES NOT COUNTED	293	VARIANCE	13.2515182
		ST.DEV.	3.6402636
		(Q3-Q1)/2	1.3750000
		MX.ST.SC.	8.50
		MN.ST.SC.	-1.03

LOCATION ESTIMATES

		ST.ERROR
MEAN	4.7437267	0.3033553
MEDIAN	4.0000000	0.1732050
MODE	2.5999994	



EACH '-' ABOVE = 1.5000
L= 0.0
U= 39.0000

CASE NO. OF MIN. VAL. = 162
CASE NO. OF MAX. VAL. = 111

	VALUE	VALUE/S.E.
SKEWNESS	4.89	23.95
KURTOSIS	35.20	86.23

Q1= 2.7999992
Q3= 5.5499992
S-= 1.1034632
S+= 8.3839903

EACH '.' BELOW = 0.3000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
1.000	1	0.7	0.7	3.200	4	2.8	32.6	4.800	3	2.1	68.8	7.200	2	1.4	90.3
1.600	1	0.7	1.4	3.300	4	2.8	35.4	4.900	4	2.8	71.5	7.400	1	0.7	91.0
1.700	3	2.1	3.5	3.400	3	2.1	37.5	5.000	1	0.7	72.2	8.600	1	0.7	91.7
1.900	3	2.1	5.6	3.500	4	2.8	40.3	5.100	2	1.4	73.6	8.800	1	0.7	92.4
2.000	3	2.1	7.6	3.600	3	2.1	42.4	5.200	1	0.7	74.3	8.900	1	0.7	93.1
2.100	3	2.1	9.7	3.700	3	2.1	44.4	5.500	1	0.7	75.0	9.200	2	1.4	94.4
2.200	1	0.7	10.4	3.800	2	1.4	45.8	5.600	4	2.8	77.8	9.600	1	0.7	95.1
2.300	5	3.5	13.9	3.900	4	2.8	48.6	5.700	4	2.8	80.6	9.900	1	0.7	95.8
2.400	1	0.7	14.6	4.000	3	2.1	50.7	5.900	1	0.7	81.3	12.000	1	0.7	96.5
2.500	4	2.8	17.4	4.100	4	2.8	53.5	6.100	1	0.7	81.9	13.400	1	0.7	97.2
2.600	6	4.2	21.5	4.200	4	2.8	56.3	6.200	2	1.4	83.3	13.600	1	0.7	97.9
2.700	4	2.8	24.3	4.300	4	2.8	59.0	6.300	3	2.1	85.4	13.700	1	0.7	98.6
2.800	2	1.4	25.7	4.400	4	2.8	61.8	6.600	1	0.7	86.1	16.900	1	0.7	99.3
2.900	3	2.1	27.8	4.500	3	2.1	63.9	6.700	1	0.7	86.8	35.700	1	0.7	100.0
3.000	2	1.4	29.2	4.600	2	1.4	65.3	6.900	1	0.7	87.5				
3.100	1	0.7	29.9	4.700	2	1.4	66.7	7.100	2	1.4	88.9				

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	40.0000000
NUMBER OF DISTINCT VALUES .	9	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	434	RANGE	38.0000000
NUMBER OF VALUES NOT COUNTED	3	VARIANCE	30.7986908
		ST.DEV.	5.5496569
		(Q3-Q1)/2	2.0000000
		MX.ST.SC.	4.63
		MN.ST.SC.	-2.22

LOCATION ESTIMATES

		ST.ERROR
MEAN	14.3041468	0.2663919
MEDIAN	12.0000000	1.1547003
MODE	12.0000000	

EACH '-' ABOVE = 1.5000
L= 1.5000
U= 40.5000
CASE NO. OF MIN. VAL. = 72
CASE NO. OF MAX. VAL. = 1

	VALUE	VALUE/S.E.
SKEWNESS	1.01	0.56
KURTOSIS	2.89	12.30

Q1= 12.0000000
Q3= 16.0000000
S-= 8.7544893
S+= 19.8537903

EACH '.' BELOW = 0.3000

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
2.	2	0.5	0.5	12.	134	30.9	52.8	24.	20	4.6	98.2				
4.	9	2.1	2.5	16.	101	23.3	76.0	28.	4	0.9	99.1				
8.	84	19.4	21.9	20.	76	17.5	93.5	40.	4	0.9	100.0				

21 O/3F

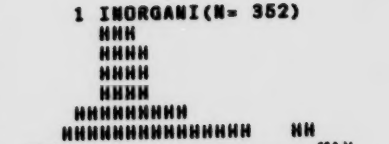
1. STATISTICS 2

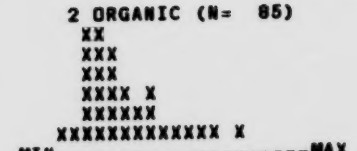
DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.52	0.1300	118.6
T (POOLED)	1.63	0.1036	435
F(FOR VARIANCES) LEVENE	2.38	0.1237	1, 435

GROUP	1 INORGANI	2 ORGANIC
MEAN	16.2917	14.9998
STD DEV	6.4017	7.1497
S.E.M.	0.3412	0.7755
SAMPLE SIZE	352	85
MAXIMUM	54.0000	39.0000
MINIMUM	3.0000	2.0000

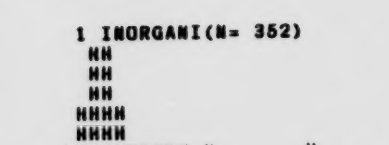


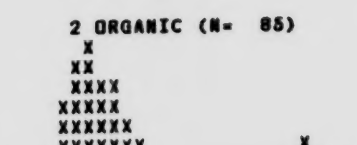


****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.80	0.4231	109.8
T (POOLED)	0.94	0.3501	435
F(FOR VARIANCES) LEVENE	1.24	0.2669	1, 435

GROUP	1 INORGANI	2 ORGANIC
MEAN	27.2829	26.3762
STD DEV	7.5604	9.7088
S.E.M.	0.4030	1.0531
SAMPLE SIZE	352	85
MAXIMUM	98.0000	96.0000
MINIMUM	14.0000	14.0000

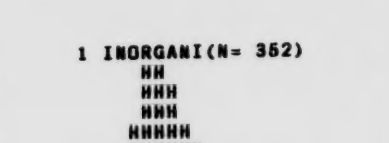


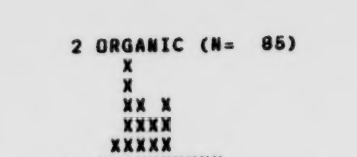


****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	5.27	0.0	146.2
T (POOLED)	4.76	0.0000	435
F(FOR VARIANCES) LEVENE	0.64	0.4239	1, 435

GROUP	1 INORGANI	2 ORGANIC
MEAN	83.8823	72.2588
STD DEV	20.7645	17.5764
S.E.M.	1.1068	1.9064
SAMPLE SIZE	352	85
MAXIMUM	190.0000	126.0000
MINIMUM	18.0000	12.0000

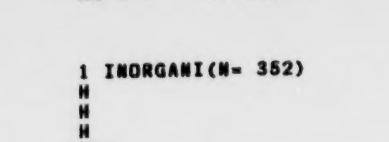




****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	4.05	0.0001	144.8
T (POOLED)	3.68	0.0003	435
F(FOR VARIANCES) LEVENE	4.82	0.0286	1, 435

GROUP	1 INORGANI	2 ORGANIC
MEAN	1077.3394	675.6062
STD DEV	926.5522	792.4700
S.E.M.	49.3854	85.9554
SAMPLE SIZE	352	85
MAXIMUM	6800.0000	5900.0000
MINIMUM	130.0000	90.0000

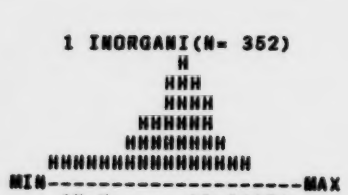


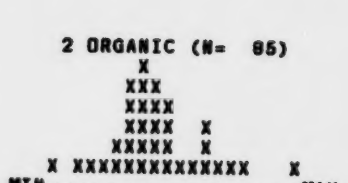
DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	5.13	0.0000	111.4
T (POOLED)	5.87	0.0000	435
F(FOR VARIANCES) LEVENE	2.45	0.1180	1, 435

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.2740	1.9172
STD DEV	0.4780	0.5967
S.E.M.	0.0255	0.0647
SAMPLE SIZE	352	85
MAXIMUM	3.3800	4.2000
MINIMUM	0.4900	0.3000

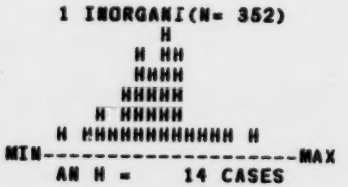


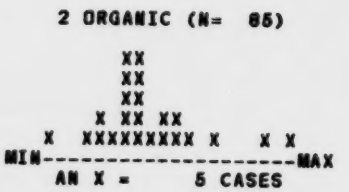


****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.99	0.0034	119.1
T (POOLED)	3.19	0.0015	435
F(FOR VARIANCES) LEVENE	0.02	0.8910	1, 435

GROUP	1 INORGANI	2 ORGANIC
MEAN	17.0983	15.4823
STD DEV	4.1067	4.5529
S.E.M.	0.2189	0.4938
SAMPLE SIZE	352	85
MAXIMUM	30.0000	36.0000
MINIMUM	5.0000	3.0000

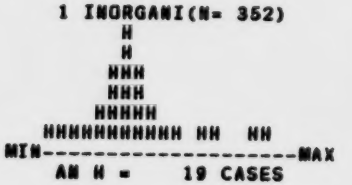


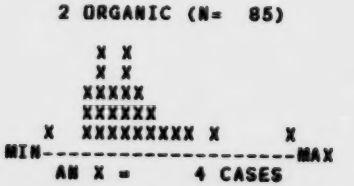


****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.27	0.7851	115.7
T (POOLED)	-0.30	0.7645	435
F(FOR VARIANCES) LEVENE	2.11	0.1469	1, 435

GROUP	1 INORGANI	2 ORGANIC
MEAN	46.7857	47.3173
STD DEV	14.1959	16.5220
S.E.M.	0.7566	1.7921
SAMPLE SIZE	352	85
MAXIMUM	119.0000	133.0000
MINIMUM	7.0000	10.0000

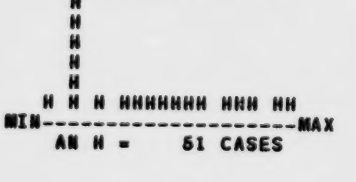


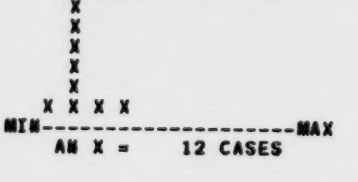


****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.29	0.0226	346.7
T (POOLED)	1.42	0.1574	435
F(FOR VARIANCES) LEVENE	7.07	0.0081	1, 435

GROUP	1 INORGANI	2 ORGANIC
MEAN	1.1340	1.0412
STD DEV	0.5930	0.2342
S.E.M.	0.0316	0.0254
SAMPLE SIZE	352	85
MAXIMUM	5.0000	2.0000
MINIMUM	0.5000	0.5000



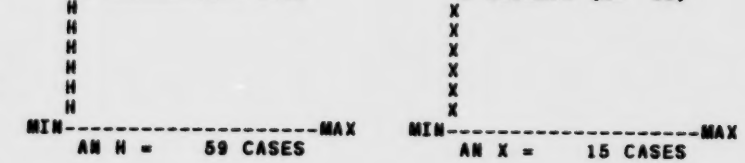


DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	432
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 432

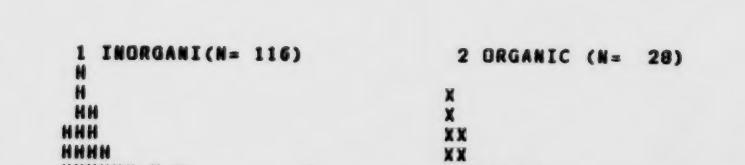
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0000	2.0000
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	349	85
MAXIMUM	2.0000	2.0000
MINIMUM	2.0000	2.0000



****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.67	0.1003	49.7
T (POOLED)	1.46	0.1468	142
F(FOR VARIANCES)			
LEVENE	0.01	0.9181	1, 142

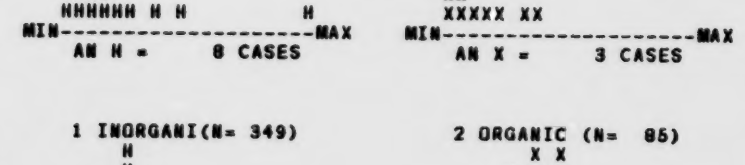
GROUP	1 INORGANI	2 ORGANIC
MEAN	4.9603	3.8464
STD DEV	3.7586	2.9961
S.E.M.	0.3490	0.5662
SAMPLE SIZE	116	28
MAXIMUM	35.7000	13.4000
MINIMUM	1.7000	1.0000



****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-4.13	0.0001	112.8
T (POOLED)	-4.69	0.0000	432
F(FOR VARIANCES)			
LEVENE	1.64	0.2008	1, 432

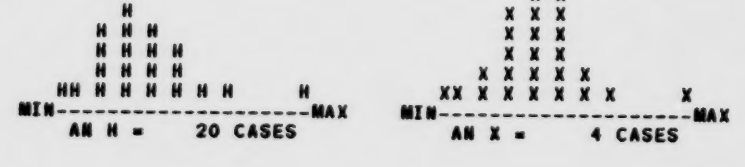
GROUP	1 INORGANI	2 ORGANIC
MEAN	13.7018	16.7762
STD DEV	5.1640	6.3702
S.E.M.	0.2764	0.6909
SAMPLE SIZE	349	85
MAXIMUM	40.0000	40.0000
MINIMUM	2.0000	2.0000



****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	435
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 435

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	352	85
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0



NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.990 SECONDS

21 O/6A
1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7721 21 O/6A

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7721001	47.3347	-67.1289	0	0	1	14.0	25.0	83.0	1300.0	3.00	19.0	57.0	.5	2.0			
82	7721002	47.3355	-67.1217	0	0	1	11.0	35.0	84.0	470.0	2.70	19.0	67.0	1.0	2.0			
82	7721003	47.3348	-67.1183	0	0	1	12.0	35.0	92.0	410.0	3.20	23.0	84.0	1.0	2.0	2.3		
82	7721004	47.3332	-67.1157	0	0	1	12.0	35.0	100.0	530.0	3.17	23.0	81.0	1.0	2.0			
82	7721005	47.3334	-67.1117	0	0	1	8.0	35.0	86.0	630.0	2.52	18.0	61.0	1.0	2.0			
82	7721006	47.3310	-67.1118	0	0	1	9.0	35.0	77.0	1100.0	2.70	19.0	62.0	1.0	2.0	2.3		
82	7721007	47.3287	-67.1136	0	0	1	10.0	25.0	77.0	1100.0	2.77	19.0	67.0	1.0	2.0			
82	7721008	47.3210	-67.1118	0	0	1	8.0	19.0	38.0	460.0	1.86	14.0	44.0	.5	2.0			
82	7721009	47.3330	-67.1085	0	0	1	25.0	25.0	61.0	940.0	2.86	24.0	68.0	1.0	2.0	4.3		
82	7721010	47.3333	-67.1040	0	0	1	8.0	19.0	80.0	350.0	2.19	15.0	55.0	1.0	2.0			
82	7721011	47.3337	-67.1000	0	0	1	9.0	19.0	92.0	400.0	2.42	18.0	68.0	1.0	2.0			
82	7721012	47.3326	-67.0972	0	0	1	10.0	22.0	95.0	610.0	2.59	18.0	64.0	1.0	2.0			
82	7721013	47.3355	-67.0940	0	0	1	14.0	22.0	102.0	400.0	2.83	21.0	81.0	1.0	2.0			
82	7721014	47.3381	-67.0930	0	0	1	12.0	25.0	109.0	850.0	2.78	22.0	67.0	1.0	2.0	3.1		
82	7721015	47.3413	-67.0908	0	0	1	15.0	37.0	120.0	1500.0	3.64	28.0	76.0	1.0	2.0			
82	7721016	47.3435	-67.0894	0	0	1	11.0	28.0	93.0	990.0	3.06	24.0	63.0	1.0	2.0			
82	7721017	47.3430	-67.1083	0	0	1	21.0	28.0	73.0	850.0	3.26	24.0	67.0	1.0	2.0	2.2		
82	7721018	47.3445	-67.1154	0	0	1	20.0	28.0	82.0	830.0	3.19	23.0	70.0	1.0	2.0			
82	7721019	47.3433	-67.0190	0	0	1	13.0	23.0	75.0	730.0	2.68	19.0	52.0	1.0	2.0	3.2	16.0	
82	7721020	47.3447	-67.0200	0	0	1	11.0	19.0	68.0	720.0	2.55	18.0	49.0	1.0	2.0		16.0	
82	7721021	47.3465	-67.0195	0	0	1	12.0	23.0	75.0	790.0	2.72	20.0	56.0	1.0	2.0		20.0	
82	7721022	47.3485	-67.0168	0	0	1	11.0	23.0	71.0	1000.0	2.88	20.0	57.0	1.0	2.0	1.7	16.0	
82	7721023	47.3508	-67.0160	0	0	1	12.0	23.0	80.0	1100.0	3.08	21.0	63.0	1.0	2.0		16.0	
82	7721024	47.3467	-67.0231	0	0	1	12.0	19.0	71.0	850.0	2.42	19.0	48.0	1.0	2.0		16.0	
82	7721025	47.3505	-67.0250	0	0	1	13.0	23.0	80.0	900.0	2.75	20.0	55.0	1.0	2.0	2.5	12.0	
82	7721026	47.3526	-67.0245	0	0	1	11.0	19.0	68.0	650.0	2.44	17.0	45.0	1.0	2.0		16.0	
82	7721027	47.3565	-67.0228	0	0	1	13.0	19.0	75.0	820.0	2.90	21.0	50.0	1.0	2.0		20.0	
82	7721028	47.3577	-67.0195	0	0	1	14.0	19.0	73.0	970.0	2.76	19.0	48.0	1.0	2.0	.5	20.0	
82	7721029	47.3590	-67.0160	0	0	1	14.0	19.0	75.0	820.0	2.92	20.0	50.0	1.0	2.0		20.0	
82	7721030	47.3612	-67.0145	0	0	1	15.0	23.0	77.0	1100.0	3.04	22.0	53.0	1.0	2.0		16.0	
82	7721031	47.3643	-67.0112	0	0	1	12.0	19.0	66.0	850.0	2.59	18.0	46.0	1.0	2.0	1.6	12.0	
82	7721032	47.3648	-67.0138	0	0	1	15.0	23.0	78.0	1000.0	3.45	22.0	53.0	1.0	2.0		20.0	
82	7721033	47.3560	-67.0248	0	0	1	11.0	19.0	75.0	670.0	2.41	17.0	48.0	1.0	2.0		12.0	
82	7721034	47.3580	-67.0285	0	0	1	11.0	19.0	60.0	720.0	2.77	18.0	40.0	1.0	2.0	2.1	12.0	
82	7721035	47.3623	-67.0210	0	0	1	13.0	23.0	73.0	910.0	3.35	21.0	45.0	.5	2.0		12.0	
82	7721036	47.3604	-67.0260	0	0	1	11.0	19.0	82.0	980.0	2.59	18.0	50.0	1.0	2.0		24.0	
82	7721037	47.3627	-67.0283	0	0	1	11.0	19.0	71.0	910.0	2.60	17.0	45.0	1.0	2.0	2.6	20.0	
80	7721038	47.3653	-67.0272	0	0	1	10.0	19.0	73.0	830.0	2.68	18.0	47.0	1.0	2.0		24.0	
82	7721039	47.3677	-67.0260	0	0	1	11.0	19.0	71.0	850.0	2.82	17.0	45.0	1.0	2.0		28.0	
80	7721040	47.3690	-67.0235	0	0	1	12.0	20.0	72.0	840.0	2.69	19.0	49.0	1.0	2.0	7.0	24.0	
82	7701241	47.3705	-67.0210	0	0	1	12.0	20.0	69.0	860.0	2.46	18.0	46.0	1.0	2.0		24.0	
82	7721042	47.3725	-67.0165	0	0	1	12.0	20.0	71.0	690.0	2.44	18.0	44.0	1.0	2.0	3.2	24.0	
82	7721043	47.3740	-67.0142	0	0	1	13.0	20.0	78.0	850.0	2.56	18.0	47.0	1.0	2.0		20.0	
82	7721044	47.3760	-67.0120	0	0	1	12.0	16.0	67.0	920.0	2.37	17.0	41.0	1.0	2.0		12.0	
82	7721045	47.2700	-67.0340	0	0	1	15.0	46.0	134.0	2800.0	2.17	21.0	48.0	1.0	2.0	7.5	28.0	
82	7721046	47.2732	-67.0327	0	0	1	13.0	36.0	98.0	1600.0	1.48	13.0	32.0	1.0	2.0		20.0	
82	7721047	47.2760	-67.0310	0	0	1	13.0	39.0	118.0	2200.0	1.78	15.0	39.0	1.0	3.0		20.0	
82	7721048	47.2784	-67.0292	0	0	1	15.0	33.0	114.0	1700.0	2.15	14.0	35.0	1.0	2.0	5.8	24.0	
82	7721049	47.2808	-67.0267	0	0	1	16.0	33.0	105.0	1400.0	2.01	13.0	32.0	1.0	2.0		20.0	
82	7721050	47.2818	-67.0298	0	0	1	28.0	62.0	135.0	1700.0	3.54	22.0	61.0	1.0	2.0		16.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7721 21 D/6A

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7721051	47.2835	-67.0265	0	0	1	18.0	45.0	113.0	1800.0	2.03	14.0	40.0	1.0	2.0	6.1	20.0	
82	7721052	47.2844	-67.0282	0	0	1	32.0	36.0	173.0	2300.0	3.08	20.0	61.0	1.0	2.0		24.0	
82	7721053	47.2870	-67.0268	0	0	1	28.0	42.0	138.0	3700.0	3.19	24.0	57.0	1.0	2.0		24.0	
82	7721054	47.2888	-67.0282	0	0	1	17.0	42.0	124.0	2300.0	2.57	19.0	51.0	1.0	2.0	6.5	28.0	
82	7721055	47.2906	-67.0304	0	0	1	16.0	36.0	103.0	1500.0	2.01	15.0	44.0	1.0	2.0		28.0	
82	7721056	47.2905	-67.0317	0	0	1	39.0	32.0	83.0	1700.0	2.67	18.0	52.0	1.5	2.0		24.0	
82	7721057	47.2915	-67.0284	0	0	1	12.0	26.0	131.0	680.0	3.06	22.0	70.0	1.0	2.0	3.1	24.0	
82	7721058	47.2915	-67.0255	0	0	1	11.0	23.0	112.0	1400.0	2.63	19.0	60.0	1.0	2.0		28.0	
82	7721059	47.2926	-67.0230	0	0	1	14.0	36.0	106.0	1200.0	2.56	18.0	56.0	1.0	2.0		28.0	
82	7721060	47.2960	-67.0233	0	0	1	13.0	36.0	119.0	1600.0	2.62	21.0	59.0	1.0	2.0	3.6	28.0	
82	7701061	47.3735	-67.1082	0	0	1	9.0	26.0	76.0	560.0	2.30	14.0	44.0	1.0	2.0	2.5		
82	7721062	47.3695	-67.1100	0	0	1	8.0	26.0	61.0	370.0	1.89	12.0	38.0	1.0	2.0			
82	7721063	47.3667	-67.1119	0	0	1	8.0	18.0	56.0	320.0	1.77	10.0	33.0	1.0	2.0			
82	7721064	47.3635	-67.1136	0	0	1	11.0	22.0	70.0	340.0	2.25	15.0	46.0	1.0	4.0	2.3		
82	7721065	47.3605	-67.1155	0	0	1	9.0	22.0	67.0	1300.0	1.98	14.0	38.0	1.0	4.0			
82	7721066	47.3582	-67.1200	0	0	1	11.0	26.0	78.0	1000.0	2.19	15.0	42.0	1.0	4.0			
82	7721067	47.3560	-67.1235	0	0	1	10.0	22.0	80.0	710.0	2.31	14.0	41.0	1.0	2.0	2.5		
82	7721068	47.3275	-67.0143	0	0	1	11.0	20.0	77.0	980.0	2.40	16.0	46.0	1.0	2.0	2.3	8.0	
82	7721069	47.3267	-67.0107	0	0	1	17.0	43.0	116.0	2700.0	2.39	17.0	53.0	1.5	2.0		12.0	
82	7721070	47.3245	-67.0112	0	0	1	12.0	20.0	77.0	1100.0	2.31	15.0	42.0	1.0	2.0		12.0	
82	7721071	47.3233	-67.0063	0	0	1	27.0	30.0	97.0	1200.0	2.97	20.0	60.0	1.0	2.0	4.6	8.0	
82	7721072	47.3309	-67.0115	0	0	1	16.0	27.0	77.0	680.0	2.40	16.0	48.0	1.0	2.0		8.0	
82	7721073	47.3315	-67.0126	0	0	1	14.0	23.0	75.0	580.0	2.75	19.0	56.0	1.5	2.0		8.0	
82	7721074	47.3277	-67.0200	0	0	1	12.0	23.0	85.0	920.0	2.57	17.0	48.0	1.0	2.0	3.0	12.0	
82	7721075	47.3195	-67.0055	0	0	1	15.0	27.0	97.0	920.0	2.23	15.0	45.0	1.0	2.0		8.0	
82	7721076	47.3180	-67.0085	0	0	1	14.0	23.0	83.0	720.0	2.14	14.0	45.0	1.0	2.0		8.0	
82	7721077	47.3164	-67.0110	0	0	1	14.0	33.0	143.0	900.0	2.63	18.0	57.0	1.5	2.0	2.8	8.0	
82	7721078	47.3185	-67.0125	0	0	1	12.0	23.0	90.0	610.0	2.10	14.0	44.0	1.0	2.0		8.0	
82	7721079	47.3197	-67.0120	0	0	1	15.0	20.0	75.0	1000.0	2.60	17.0	50.0	1.0	2.0		8.0	
82	7721080	47.3190	-67.0155	0	0	1	12.0	23.0	92.0	710.0	2.37	15.0	46.0	1.0	2.0	2.0	12.0	
82	7721081	47.3174	-67.0205	0	0	1	10.0	20.0	80.0	690.0	2.15	12.0	39.0	1.0	2.0		8.0	
82	7721082	47.3165	-67.0242	0	0	1	10.0	17.0	75.0	600.0	2.33	14.0	40.0	1.0	2.0		4.0	
82	7721083	47.3142	-67.0085	0	0	1	15.0	40.0	150.0	1300.0	2.61	19.0	52.0	1.5	2.0	3.5	4.0	
82	7721084	47.3155	-67.0030	0	0	1	18.0	33.0	187.0	1200.0	2.48	17.0	51.0	1.5	2.0		8.0	
82	7721085	47.3140	-67.0240	0	0	1	9.0	20.0	83.0	590.0	2.35	16.0	44.0	1.0	2.0		4.0	
82	7721086	47.3106	-67.0173	0	0	1	8.0	17.0	70.0	360.0	1.81	12.0	38.0	1.0	2.0	3.5	8.0	
82	7721087	47.3074	-67.0093	0	0	1	18.0	37.0	100.0	880.0	1.91	15.0	40.0	1.5	2.0		8.0	
82	7721088	47.3083	-67.0065	0	0	1	20.0	33.0	94.0	340.0	1.84	14.0	44.0	1.5	2.0		8.0	
82	7721089	47.3095	-67.0043	0	0	1	23.0	50.0	139.0	1800.0	2.32	17.0	44.0	1.0	2.0	10.5	8.0	
82	7721090	47.3040	-67.0070	0	0	1	14.0	27.0	80.0	500.0	2.47	16.0	40.0	1.0	2.0		8.0	
82	7721091	47.3002	-67.0082	0	0	1	9.0	27.0	90.0	1200.0	2.21	14.0	28.0	1.5	2.0		8.0	
82	7721092	47.2995	-67.0075	0	0	1	11.0	33.0	97.0	620.0	2.22	14.0	33.0	1.5	2.0	10.5	8.0	
82	7721093	47.3150	-67.0315	0	0	1	12.0	20.0	71.0	570.0	2.17	16.0	44.0	1.0	2.0		4.0	
82	7721094	47.3064	-67.0338	0	0	1	22.0	40.0	162.0	1600.0	3.16	21.0	82.0	2.0	2.0		8.0	
82	7721095	47.3050	-67.0295	0	0	1	25.0	50.0	182.0	2700.0	2.84	20.0	82.0	2.0	2.0		8.0	
82	7721096	47.3050	-67.0380	0	0	1	20.0	31.0	106.0	860.0	2.90	17.0	43.0	1.0	2.0	4.6	4.0	
82	7721097	47.3020	-67.0370	0	0	1	21.0	32.0	93.0	1100.0	2.64	17.0	48.0	1.0	2.0		8.0	
82	7721098	47.3072	-67.0393	0	0	1	18.0	19.0	81.0	770.0	2.73	19.0	51.0	1.0	2.0		8.0	
82	7721099	47.3083	-67.0375	0	0	1	17.0	16.0	72.0	620.0	2.60	18.0	50.0	.5	2.0		8.0	
82	7721100	47.3110	-67.0405	0	0	1	13.0	19.0	79.0	810.0	2.75	19.0	53.0	1.0	2.0	3.3	8.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7721 21 O/6A

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7721101	47.3105	-67.0460	0	0	1	13.0	19.0	74.0	790.0	2.43	16.0	48.0	.5	2.0		8.0	
82	7721102	47.3085	-67.0500	0	0	1	13.0	25.0	91.0	1200.0	4.00	20.0	51.0	1.0	2.0		4.0	
82	7721103	47.3062	-67.0472	0	0	1	20.0	19.0	74.0	750.0	2.75	20.0	53.0	1.0	2.0	2.8	8.0	
82	7721104	47.3030	-67.0457	0	0	1	24.0	44.0	145.0	2500.0	2.81	20.0	61.0	1.5	2.0		8.0	
82	7721105	47.3032	-67.0442	0	0	1	24.0	32.0	72.0	680.0	2.83	17.0	45.0	1.5	2.0		4.0	
82	7721106	47.2905	-67.0832	0	0	1	22.0	29.0	82.0	630.0	2.55	17.0	49.0	1.0	2.0	3.7	8.0	
82	7721107	47.2928	-67.0755	0	0	1	16.0	26.0	100.0	680.0	3.21	23.0	64.0	1.0	2.0		8.0	
82	7721108	47.2822	-67.0920	0	0	1	25.0	29.0	74.0	750.0	3.16	21.0	57.0	1.0	2.0		8.0	
82	7721109	47.2983	-67.0342	0	0	1	29.0	32.0	83.0	1200.0	3.40	21.0	66.0	1.0	2.0	5.0	4.0	
82	7721110	47.2965	-67.0350	0	0	1	40.0	42.0	116.0	2000.0	3.41	23.0	109.0	2.0	2.0		8.0	
82	7721111	47.2945	-67.0348	0	0	1	23.0	32.0	82.0	1200.0	2.64	16.0	62.0	1.0	2.0		8.0	
82	7721112	47.2930	-67.0335	0	0	1	10.0	23.0	100.0	540.0	2.42	16.0	57.0	1.0	2.0	3.7	8.0	
82	7721113	47.2927	-67.0390	0	0	1	11.0	23.0	105.0	650.0	2.61	18.0	59.0	1.0	2.0		8.0	
82	7721114	47.2920	-67.0412	0	0	1	16.0	26.0	98.0	1000.0	2.36	16.0	49.0	1.0	2.0		8.0	
82	7721115	47.2890	-67.0400	0	0	1	23.0	29.0	103.0	1900.0	2.60	18.0	51.0	1.0	2.0	6.6	12.0	
82	7721116	47.2870	-67.0480	0	0	1	27.0	46.0	132.0	1800.0	2.69	18.0	53.0	1.0	2.0		8.0	
82	7721117	47.2848	-67.0385	0	0	1	22.0	36.0	138.0	2000.0	2.69	18.0	47.0	1.0	2.0		8.0	
82	7721118	47.2825	-67.0385	0	0	1	27.0	49.0	123.0	2600.0	1.98	15.0	42.0	1.5	2.0	8.1	8.0	
82	7721119	47.2885	-67.0465	0	0	1	32.0	33.0	143.0	2900.0	2.80	18.0	51.0	1.5	2.0		8.0	
82	7721120	47.2877	-67.0457	0	0	1	20.0	39.0	96.0	1500.0	2.30	15.0	45.0	1.0	2.0		4.0	
82	7721121	47.2850	-67.0470	0	0	1	19.0	36.0	107.0	1600.0	2.17	14.0	41.0	1.0	2.0	6.2	12.0	
82	7721122	47.2832	-67.0480	0	0	1	20.0	39.0	105.0	1600.0	2.34	16.0	44.0	1.5	2.0		12.0	
82	7721123	47.2812	-67.0500	0	0	1	20.0	39.0	103.0	2000.0	2.20	16.0	45.0	1.5	2.0		8.0	
82	7721124	47.2788	-67.0515	0	0	1	18.0	36.0	87.0	1500.0	2.10	15.0	43.0	1.0	2.0	4.1	8.0	
82	7721125	47.2750	-67.0528	0	0	1	26.0	43.0	111.0	2700.0	2.41	19.0	50.0	1.5	2.0		12.0	
82	7721126	47.2742	-67.0463	0	0	1	14.0	30.0	60.0	1100.0	1.94	15.0	41.0	1.0	2.0		12.0	
82	7721127	47.2937	-67.0438	0	0	1	12.0	23.0	100.0	630.0	2.42	16.0	52.0	1.0	2.0	3.8	8.0	
82	7721128	47.2945	-67.0475	0	0	1	12.0	23.0	114.0	650.0	2.84	19.0	62.0	1.5	2.0		12.0	
82	7721129	47.2960	-67.0478	0	0	1	39.0	39.0	111.0	2200.0	3.58	22.0	65.0	2.0	2.0		12.0	
82	7721130	47.2958	-67.0520	0	0	1	10.0	20.0	85.0	550.0	2.31	16.0	49.0	1.0	2.0	3.2	12.0	
82	7721131	47.2948	-67.0540	0	0	1	16.0	23.0	103.0	770.0	3.25	22.0	62.0	1.5	2.0		12.0	
82	7721132	47.2923	-67.0513	0	0	1	35.0	36.0	80.0	1400.0	3.10	20.0	55.0	1.5	2.0		12.0	
82	7721133	47.2925	-67.0537	0	0	1	19.0	26.0	87.0	570.0	2.97	20.0	58.0	1.5	2.0	4.7	8.0	
82	7721134	47.2958	-67.0580	0	0	1	10.0	20.0	82.0	430.0	2.13	15.0	47.0	1.0	2.0		8.0	
82	7721135	47.2962	-67.0615	0	0	1	9.0	16.0	71.0	360.0	2.12	15.0	45.0	1.0	2.0		8.0	
82	7721136	47.2978	-67.0658	0	0	1	13.0	26.0	77.0	590.0	2.16	15.0	50.0	1.0	2.0	3.7	8.0	
82	7721137	47.3012	-67.0683	0	0	1	15.0	30.0	84.0	690.0	2.59	18.0	65.0	1.0	2.0		12.0	
82	7721138	47.2905	-67.0727	0	0	1	19.0	26.0	95.0	640.0	2.75	19.0	59.0	1.0	2.0		8.0	
82	7721139	47.2905	-67.0705	0	0	1	27.0	36.0	91.0	690.0	3.08	18.0	67.0	1.5	2.0	5.0	8.0	
82	7721140	47.2877	-67.0695	0	0	1	26.0	30.0	73.0	1000.0	2.00	15.0	110.0	1.5	2.0		8.0	
82	7721141	47.2855	-67.0617	0	0	1	22.0	39.0	86.0	1700.0	2.86	19.0	61.0	1.0	2.0		12.0	
82	7721142	47.2882	-67.0722	0	0	1	24.0	26.0	97.0	860.0	2.91	20.0	55.0	1.5	2.0	4.7	8.0	
82	7721143	47.2848	-67.0742	0	0	1	39.0	43.0	148.0	2600.0	3.37	23.0	58.0	2.0	2.0		8.0	
82	7721144	47.2847	-67.0713	0	0	1	35.0	36.0	88.0	2100.0	3.09	19.0	52.0	1.5	2.0		8.0	
82	7721145	47.2832	-67.0713	0	0	1	48.0	36.0	111.0	4400.0	2.58	17.0	46.0	2.0	2.0	15.5	8.0	
82	7721146	47.2828	-67.0670	0	0	1	37.0	39.0	93.0	2100.0	3.41	21.0	63.0	2.0	2.0		8.0	
82	7721147	47.2530	-67.0540	0	0	1	12.0	39.0	106.0	1500.0	2.07	16.0	40.0	1.0	2.0		12.0	
82	7721148	47.2543	-67.0515	0	0	1	11.0	39.0	111.0	2600.0	2.31	18.0	41.0	1.0	2.0	3.6	8.0	
82	7721149	47.2557	-67.0500	0	0	1	11.0	43.0	117.0	4600.0	2.65	24.0	51.0	1.5	2.0		12.0	
82	7721150	47.2578	-67.0480	0	0	1	10.0	33.0	78.0	1500.0	1.96	18.0	40.0	1.0	2.0		8.0	

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MAP SHEET 7721 21 O/6A

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7721151	47.2600	-67.0465	0	0	1	9.0	30.0	77.0	2000.0	2.12	21.0	43.0	1.0	2.0	2.1	12.0	
82	7721152	47.3120	-67.0662	0	0	1	14.0	20.0	82.0	690.0	2.89	21.0	61.0	1.0	2.0	3.0	8.0	
82	7721153	47.3150	-67.0648	0	0	1	13.0	23.0	84.0	760.0	2.93	21.0	61.0	1.0	2.0		8.0	
82	7721154	47.3180	-67.0627	0	0	1	15.0	26.0	77.0	910.0	2.81	20.0	60.0	1.0	2.0		8.0	
82	7721155	47.2509	-67.1240	0	0	1	15.0	23.0	80.0	2500.0	3.07	23.0	63.0	1.0	2.0	3.3	12.0	
82	7721156	47.2520	-67.1205	0	0	1	17.0	23.0	80.0	650.0	3.02	21.0	63.0	1.0	2.0		12.0	
82	7721157	47.2515	-67.1157	0	0	1	27.0	30.0	77.0	930.0	2.86	18.0	64.0	2.0	2.0		8.0	
82	7721158	47.3195	-67.0600	0	0	1	15.0	23.0	84.0	1000.0	3.26	23.0	67.0	1.5	2.0	3.1	4.0	
82	7721159	47.3215	-67.0577	0	0	1	14.0	23.0	78.0	780.0	3.12	21.0	64.0	1.0	2.0		4.0	
82	7721160	47.3230	-67.0570	0	0	1	17.0	26.0	77.0	920.0	2.78	20.0	59.0	1.5	2.0		4.0	
82	7721161	47.3247	-67.0555	0	0	1	16.0	26.0	82.0	770.0	2.98	22.0	64.0	1.5	2.0	3.5	8.0	
82	7721162	47.3285	-67.0512	0	0	1	18.0	26.0	68.0	670.0	2.76	20.0	56.0	1.0	2.0		8.0	
82	7721163	47.3292	-67.0485	0	0	1	26.0	30.0	69.0	1100.0	2.81	19.0	63.0	1.5	2.0		8.0	
82	7721164	47.3287	-67.0534	0	0	1	15.0	23.0	78.0	700.0	2.79	20.0	61.0	1.0	2.0	2.8	4.0	
82	7721165	47.3306	-67.0520	0	0	1	16.0	23.0	78.0	620.0	2.57	18.0	60.0	1.0	2.0		8.0	
82	7721166	47.3185	-67.0652	0	0	1	16.0	26.0	93.0	840.0	2.71	19.0	60.0	1.5	2.0		8.0	
82	7721167	47.3218	-67.0652	0	0	1	18.0	30.0	108.0	1000.0	3.09	23.0	68.0	1.5	2.0	3.7	8.0	
82	7721168	47.3232	-67.0637	0	0	1	24.0	30.0	68.0	840.0	2.73	19.0	59.0	1.5	2.0		12.0	
82	7721169	47.3245	-67.0648	0	0	1	19.0	30.0	115.0	1110.0	3.14	23.0	70.0	1.5	2.0		12.0	
82	7721170	47.3262	-67.0648	0	0	1	22.0	33.0	124.0	1500.0	3.25	24.0	72.0	1.5	2.0	4.5	20.0	
82	7721171	47.3272	-67.0678	0	0	1	44.0	36.0	151.0	3200.0	3.46	23.0	71.0	2.0	2.0		12.0	
82	7721172	47.3287	-67.0652	0	0	1	19.0	26.0	104.0	910.0	2.90	21.0	67.0	1.5	2.0		12.0	
82	7721173	47.3315	-67.0666	0	0	1	19.0	30.0	102.0	1100.0	2.96	21.0	67.0	1.0	2.0	3.6	12.0	
82	7721174	47.3340	-67.0680	0	0	1	21.0	36.0	115.0	1500.0	3.22	24.0	72.0	1.5	2.0		8.0	
82	7721175	47.3365	-67.0690	0	0	1	20.0	33.0	117.0	1500.0	3.11	23.0	70.0	1.5	2.0	3.5	12.0	
82	7721176	47.3392	-67.0725	0	0	1	26.0	43.0	109.0	2200.0	3.64	26.0	77.0	1.0	2.0		16.0	
82	7721177	47.3413	-67.0698	0	0	1	23.0	36.0	113.0	1600.0	3.37	25.0	73.0	1.5	2.0		12.0	
82	7721178	47.3438	-67.0690	0	0	1	16.0	36.0	120.0	1600.0	3.07	22.0	64.0	1.5	2.0	2.6	12.0	
82	7721179	47.3010	-67.0780	0	0	1	21.0	43.0	102.0	2100.0	2.86	20.0	48.0	1.0	2.0		12.0	
82	7721180	47.3025	-67.0792	0	0	1	23.0	50.0	128.0	2600.0	2.87	21.0	51.0	1.0	2.0		20.0	
82	7721181	47.3033	-67.0810	0	0	1	26.0	53.0	131.0	2700.0	2.83	21.0	47.0	1.5	2.0	7.1	12.0	
82	7721182	47.3046	-67.0855	0	0	1	28.0	50.0	126.0	2100.0	2.61	17.0	45.0	1.5	2.0		16.0	
82	7721183	47.3053	-67.0892	0	0	1	31.0	50.0	131.0	2200.0	3.01	20.0	53.0	1.5	2.0		12.0	
82	7721184	47.2990	-67.0800	0	0	1	14.0	30.0	95.0	860.0	2.92	20.0	51.0	1.0	2.0	3.5	16.0	
82	7721185	47.2706	-67.1195	0	0	1	13.0	23.0	89.0	1600.0	3.04	21.0	58.0	1.0	2.0		12.0	
82	7721186	47.2727	-67.1212	0	0	1	13.0	23.0	89.0	710.0	2.84	20.0	55.0	1.0	2.0		16.0	
82	7721187	47.2745	-67.1204	0	0	1	13.0	23.0	84.0	550.0	2.76	20.0	54.0	1.0	2.0	3.2	12.0	
82	7721188	47.2767	-67.1228	0	0	1	21.0	30.0	85.0	420.0	3.33	23.0	69.0	1.0	2.0		16.0	
82	7721189	47.2782	-67.1207	0	0	1	33.0	26.0	55.0	950.0	2.37	15.0	45.0	1.0	2.0		20.0	
82	7721190	47.2805	-67.1212	0	0	1	19.0	26.0	103.0	1100.0	3.27	21.0	60.0	1.0	2.0	4.0	12.0	
82	7721191	47.2828	-67.1182	0	0	1	27.0	30.0	110.0	1600.0	2.59	17.0	48.0	1.5	2.0		8.0	
82	7721192	47.2848	-67.1160	0	0	1	33.0	36.0	140.0	2200.0	3.15	20.0	61.0	1.5	2.0		16.0	
82	7721193	47.2854	-67.1122	0	0	1	37.0	36.0	116.0	2300.0	3.50	22.0	56.0	1.0	2.0	5.6	16.0	
82	7721194	47.2865	-67.1132	0	0	1	28.0	36.0	140.0	2100.0	2.77	18.0	58.0	1.5	2.0		16.0	
82	7721195	47.2840	-67.1250	0	0	1	12.0	26.0	90.0	500.0	2.81	21.0	58.0	1.0	2.0	3.1	16.0	
82	7721196	47.2830	-67.1225	0	0	1	32.0	40.0	132.0	3300.0	2.81	20.0	53.0	1.5	2.0		20.0	
82	7721197	47.2867	-67.1240	0	0	1	15.0	33.0	97.0	690.0	3.09	23.0	62.0	1.0	2.0	3.7	8.0	
82	7721198	47.2923	-67.0848	0	0	1	13.0	26.0	75.0	680.0	2.56	18.0	50.0	1.0	2.0	2.7	12.0	
82	7721199	47.2897	-67.0865	0	0	1	10.0	23.0	66.0	400.0	2.13	15.0	42.0	1.0	2.0		8.0	
82	7721200	47.2874	-67.0870	0	0	1	9.0	26.0	63.0	410.0	2.21	15.0	44.0	1.5	2.0		12.0	

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MAP SHEET 7721 21 O/6A

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7721201	47.2855	-67.0900	0	0	1	10.0	26.0	63.0	630.0	2.25	16.0	43.0	1.5	2.0	2.7	8.0	
82	7721202	47.2835	-67.0928	0	0	1	16.0	40.0	83.0	860.0	3.05	22.0	65.0	1.5	2.0		8.0	
82	7721203	47.2810	-67.0945	0	0	1	14.0	33.0	75.0	690.0	2.63	20.0	54.0	1.5	2.0		8.0	
82	7721204	47.2788	-67.0958	0	0	1	15.0	30.0	85.0	1200.0	2.67	23.0	58.0	1.5	2.0	2.3	8.0	
82	7721205	47.2775	-67.0960	0	0	1	13.0	30.0	77.0	670.0	2.64	20.0	53.0	1.5	2.0		8.0	
82	7721206	47.2755	-67.0965	0	0	1	15.0	30.0	85.0	690.0	2.84	22.0	60.0	1.5	2.0		8.0	
82	7721207	47.2725	-67.0978	0	0	1	14.0	33.0	83.0	700.0	2.81	21.0	59.0	1.5	2.0	2.1	8.0	
82	7721208	47.2710	-67.1015	0	0	1	12.0	30.0	70.0	550.0	2.28	17.0	48.0	1.5	2.0		12.0	
82	7721209	47.2672	-67.1005	0	0	1	12.0	26.0	70.0	460.0	2.15	17.0	46.0	1.5	2.0		9.0	
82	7721210	47.2647	-67.1007	0	0	1	8.0	23.0	57.0	420.0	1.94	14.0	40.0	1.0	2.0	2.7	8.0	
82	7721211	47.2645	-67.1053	0	0	1	10.0	26.0	63.0	400.0	1.95	14.0	40.0	1.0	2.0		12.0	
82	7721212	47.2670	-67.1080	0	0	1	13.0	30.0	74.0	630.0	2.50	17.0	52.0	1.5	2.0		8.0	
82	7721213	47.2672	-67.1122	0	0	1	12.0	30.0	72.0	1100.0	2.36	19.0	50.0	1.5	2.0	3.0	12.0	
82	7721214	47.2674	-67.1148	0	0	1	12.0	30.0	72.0	570.0	2.31	17.0	46.0	1.5	2.0		12.0	
82	7721215	47.2700	-67.1122	0	0	1	14.0	33.0	77.0	570.0	2.73	20.0	54.0	1.5	2.0		8.0	
82	7721216	47.2715	-67.1095	0	0	1	11.0	30.0	66.0	560.0	2.32	16.0	45.0	1.0	2.0	2.7	12.0	
82	7721217	47.2672	-67.1178	0	0	1	13.0	33.0	74.0	680.0	2.64	18.0	52.0	1.5	2.0		12.0	
82	7721218	47.2675	-67.1212	0	0	1	11.0	26.0	64.0	420.0	2.18	15.0	43.0	1.0	2.0		8.0	
82	7721219	47.2660	-67.1240	0	0	1	12.0	26.0	68.0	520.0	2.26	17.0	47.0	1.0	2.0	2.8	8.0	
82	7721220	47.2637	-67.1242	0	0	1	11.0	23.0	66.0	560.0	2.17	16.0	43.0	.5	2.0		8.0	
82	7721221	47.3615	-67.0296	0	0	1	11.0	13.0	75.0	580.0	2.52	18.0	55.0	.5	2.0	3.0	8.0	
82	7721222	47.3620	-67.0330	0	0	1	12.0	17.0	89.0	750.0	2.93	21.0	62.0	.5	2.0		8.0	
82	7721223	47.3640	-67.0357	0	0	1	12.0	17.0	82.0	1200.0	2.76	20.0	56.0	1.0	2.0		8.0	
82	7721224	47.3622	-67.0315	0	0	1	15.0	20.0	95.0	1000.0	2.75	20.0	55.0	1.0	2.0	2.7	8.0	
82	7721225	47.3644	-67.0324	0	0	1	11.0	30.0	85.0	930.0	2.69	20.0	60.0	1.0	2.0		8.0	
82	7721226	47.3668	-67.0315	0	0	1	12.0	30.0	87.0	1100.0	2.61	20.0	57.0	1.0	2.0		4.0	
82	7721227	47.3688	-67.0310	0	0	1	11.0	30.0	85.0	980.0	2.40	19.0	52.0	1.0	2.0	3.2	8.0	
82	7721228	47.3710	-67.0323	0	0	1	11.0	33.0	85.0	1100.0	2.40	18.0	50.0	1.0	2.0		4.0	
82	7721229	47.3748	-67.0320	0	0	1	10.0	26.0	82.0	1100.0	2.63	19.0	54.0	1.0	2.0		8.0	
82	7721230	47.2625	-67.0145	0	0	1	6.0	23.0	42.0	220.0	2.20	8.0	21.0	1.0	2.0	4.0	12.0	
82	7721231	47.2635	-67.0120	0	0	1	9.0	40.0	62.0	810.0	.72	11.0	15.0	2.0	2.0	5.7	4.0	
82	7721232	47.2640	-67.0095	0	0	2	8.0	23.0	36.0	200.0	.91	7.0	13.0	1.0	2.0		8.0	
82	7721233	47.2660	-67.0075	0	0	2	9.0	40.0	112.0	1500.0	1.08	12.0	18.0	1.0	2.0		8.0	
82	7721234	47.2682	-67.0075	0	0	2	9.0	40.0	203.0	3900.0	1.41	14.0	18.0	1.0	2.0	5.2	8.0	
82	7721235	47.2632	-67.0057	0	0	1	8.0	36.0	67.0	620.0	2.67	15.0	25.0	1.0	2.0		8.0	
82	7721236	47.2622	-67.0032	0	0	2	11.0	40.0	216.0	1100.0	1.71	13.0	24.0	1.0	2.0		8.0	
82	7721237	47.3385	-67.0200	0	0	1	10.0	19.0	59.0	560.0	2.18	16.0	46.0	1.0	2.0	3.0	16.0	
82	7721238	47.3403	-67.0285	0	0	1	12.0	19.0	64.0	460.0	2.32	17.0	51.0	1.0	2.0		16.0	
82	7721239	47.3368	-67.0190	0	0	1	9.0	19.0	52.0	440.0	1.90	14.0	40.0	.5	2.0		12.0	
82	7721240	47.3352	-67.0205	0	0	1	10.0	19.0	59.0	530.0	2.01	15.0	43.0	.5	2.0	2.3	20.0	
82	7721241	47.3345	-67.0265	0	0	1	9.0	16.0	45.0	560.0	1.72	14.0	35.0	.5	2.0		20.0	
82	7721242	47.3338	-67.0230	0	0	1	8.0	16.0	54.0	460.0	1.69	13.0	37.0	.5	2.0		20.0	
82	7721243	47.3320	-67.0220	0	0	1	11.0	20.0	63.0	540.0	2.17	17.0	46.0	.5	2.0	2.6	16.0	
82	7721244	47.3300	-67.0213	0	0	1	10.0	16.0	61.0	540.0	2.00	15.0	44.0	.5	2.0		16.0	
82	7721245	47.3263	-67.0212	0	0	1	10.0	16.0	61.0	510.0	2.00	15.0	43.0	.5	2.0		12.0	
82	7721246	47.3257	-67.0238	0	0	1	10.0	20.0	59.0	490.0	1.98	14.0	42.0	.5	2.0	2.8	16.0	
82	7721247	47.3226	-67.0240	0	0	1	10.0	20.0	60.0	500.0	2.08	14.0	42.0	.5	2.0		16.0	
82	7721248	47.3207	-67.0262	0	0	1	10.0	20.0	63.0	510.0	2.09	15.0	46.0	1.0	2.0		16.0	
82	7721249	47.3183	-67.0287	0	0	1	10.0	20.0	63.0	580.0	2.17	16.0	46.0	.5	2.0	3.0	20.0	
82	7721250	47.3163	-67.0313	0	0	1	12.0	26.0	64.0	580.0	2.15	15.0	45.0	.5	2.0		16.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
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* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7721 21 D/6A

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7721251	47.2715	-67.0958	0	0	1	16.0	23.0	73.0	620.0	2.27	18.0	52.0	1.0	2.0		16.0	
82	7721252	47.2726	-67.0908	0	0	1	13.0	23.0	88.0	580.0	2.62	19.0	57.0	1.0	2.0	4.1	16.0	
82	7721253	47.2750	-67.0873	0	0	1	14.0	23.0	89.0	450.0	2.63	19.0	60.0	1.0	2.0		12.0	
82	7721254	47.2735	-67.0870	0	0	1	17.0	23.0	79.0	560.0	2.80	19.0	58.0	1.0	2.0		16.0	
82	7721255	47.2724	-67.0850	0	0	1	24.0	33.0	93.0	1100.0	2.60	18.0	52.0	1.0	2.0	5.8	12.0	
82	7721256	47.2700	-67.0844	0	0	1	22.0	29.0	86.0	1200.0	2.47	17.0	46.0	1.0	2.0		8.0	
82	7721257	47.2700	-67.0815	0	0	1	27.0	26.0	120.0	1500.0	2.79	18.0	55.0	1.0	2.0		12.0	
82	7721258	47.2695	-67.0782	0	0	1	24.0	78.0	120.0	1300.0	2.60	17.0	60.0	1.0	2.0		8.0	
82	7721259	47.2675	-67.0753	0	0	1	24.0	42.0	121.0	1300.0	2.76	18.0	59.0	1.0	2.0		8.0	
82	7721260	47.2733	-67.0820	0	0	1	14.0	26.0	109.0	560.0	2.92	22.0	67.0	1.0	2.0	3.5	12.0	
82	7721261	47.2740	-67.0790	0	0	1	14.0	26.0	98.0	540.0	2.48	19.0	56.0	1.0	2.0		12.0	
82	7721262	47.2765	-67.0747	0	0	1	18.0	33.0	111.0	930.0	2.75	20.0	61.0	1.0	2.0		8.0	
82	7721263	47.2772	-67.0722	0	0	1	17.0	29.0	116.0	940.0	2.69	20.0	61.0	1.0	2.0		8.0	
82	7721264	47.2777	-67.0690	0	0	1	22.0	42.0	93.0	1300.0	2.26	17.0	49.0	1.0	2.0		8.0	
82	7721265	47.2775	-67.0648	0	0	1	35.0	46.0	104.0	730.0	2.00	17.0	45.0	1.0	2.0	6.5	8.0	
82	7721266	47.2765	-67.0663	0	0	1	26.0	49.0	116.0	1900.0	2.20	17.0	48.0	1.0	2.0		12.0	
82	7721267	47.2734	-67.0658	0	0	1	27.0	46.0	113.0	2300.0	1.90	15.0	42.0	1.0	2.0		12.0	
82	7721268	47.2720	-67.0630	0	0	1	23.0	52.0	123.0	1800.0	2.21	16.0	50.0	.5	2.0	6.2	8.0	
82	7721269	47.2700	-67.0615	0	0	1	22.0	46.0	125.0	2200.0	1.75	15.0	45.0	1.0	2.0		8.0	
82	7721270	47.2695	-67.0600	0	0	1	17.0	75.0	111.0	1600.0	1.73	15.0	53.0	.5	2.0		12.0	
82	7721271	47.2677	-67.0562	0	0	1	13.0	46.0	70.0	1700.0	1.66	14.0	38.0	.5	2.0	6.0	16.0	
82	7721272	47.2605	-67.1200	0	0	1	13.0	23.0	69.0	710.0	2.44	18.0	49.0	1.0	2.0		12.0	
82	7721273	47.2588	-67.1167	0	0	1	19.0	29.0	77.0	770.0	2.55	18.0	51.0	1.0	2.0		8.0	
82	7721274	47.2565	-67.1122	0	0	1	21.0	29.0	81.0	890.0	2.60	17.0	49.0	1.0	2.0	5.0	8.0	
82	7721275	47.2664	-67.0992	0	0	1	15.0	35.0	90.0	830.0	2.40	18.0	51.0	1.0	2.0		4.0	
82	7721276	47.2627	-67.0973	0	0	1	18.0	32.0	72.0	540.0	2.30	18.0	54.0	1.0	2.0		12.0	
82	7721277	47.2607	-67.1008	0	0	1	18.0	32.0	97.0	940.0	2.82	21.0	64.0	1.0	2.0	6.0	12.0	
82	7721278	47.2620	-67.0954	0	0	1	26.0	35.0	93.0	2100.0	2.67	19.0	64.0	1.0	2.0		12.0	
82	7721279	47.2600	-67.0950	0	0	1	21.0	52.0	113.0	1800.0	3.23	23.0	73.0	1.0	2.0		16.0	
82	7721280	47.2568	-67.0950	0	0	1	34.0	52.0	141.0	4200.0	2.53	23.0	61.0	1.0	2.0	11.5	12.0	
82	7721281	47.2558	-67.0980	0	0	1	35.0	42.0	130.0	4100.0	2.37	22.0	57.0	1.0	2.0		16.0	
82	7721282	47.2570	-67.0930	0	0	1	18.0	35.0	90.0	910.0	2.57	18.0	60.0	1.0	2.0		12.0	
82	7721283	47.2573	-67.0898	0	0	1	22.0	52.0	79.0	1400.0	1.37	12.0	34.0	1.0	2.0	6.5	16.0	
82	7721284	47.2600	-67.0860	0	0	1	22.0	39.0	74.0	1200.0	1.59	12.0	37.0	1.0	2.0		12.0	
82	7721285	47.2558	-67.0910	0	0	1	21.0	45.0	77.0	1400.0	1.78	14.0	43.0	1.0	2.0		12.0	
82	7721286	47.2540	-67.0890	0	0	1	16.0	32.0	92.0	970.0	2.32	18.0	53.0	1.0	2.0	6.5	4.0	
82	7721287	47.2524	-67.0855	0	0	1	18.0	35.0	104.0	1100.0	2.73	19.0	60.0	1.0	2.0		16.0	
82	7721288	47.2548	-67.0805	0	0	1	19.0	71.0	107.0	1300.0	1.78	14.0	48.0	1.0	2.0		8.0	
82	7721289	47.2563	-67.0765	0	0	1	45.0	71.0	92.0	3200.0	1.83	20.0	52.0	2.0	2.0	7.5	12.0	
82	7721290	47.2545	-67.0755	0	0	1	19.0	39.0	123.0	690.0	1.83	13.0	45.0	1.0	2.0		4.0	
82	7721291	47.2558	-67.0712	0	0	1	18.0	48.0	162.0	880.0	2.29	18.0	59.0	1.0	2.0		12.0	
82	7721292	47.2585	-67.0688	0	0	1	18.0	39.0	171.0	800.0	2.17	16.0	59.0	1.0	2.0	5.2	8.0	
82	7721293	47.2610	-67.0660	0	0	1	17.0	39.0	174.0	740.0	2.16	15.0	57.0	1.0	2.0		12.0	
82	7721294	47.2628	-67.0624	0	0	1	18.0	45.0	185.0	850.0	1.84	14.0	51.0	1.0	2.0		8.0	
82	7721295	47.3076	-67.0626	0	0	1	16.0	26.0	75.0	590.0	2.71	20.0	61.0	1.0	2.0		4.0	
82	7721296	47.3100	-67.0658	0	0	1	14.0	23.0	84.0	640.0	2.75	20.0	63.0	1.0	2.0	2.8	8.0	
82	7721297	47.3128	-67.0706	0	0	1	22.0	36.0	100.0	1900.0	3.18	22.0	63.0	1.0	2.0		8.0	
82	7721298	47.3142	-67.0722	0	0	1	24.0	39.0	103.0	2200.0	3.27	23.0	65.0	1.0	2.0		4.0	
82	7721299	47.3152	-67.0758	0	0	1	32.0	46.0	121.0	2700.0	3.18	22.0	64.0	1.0	2.0	8.7	8.0	
82	7721300	47.3192	-67.0768	0	0	1	19.0	33.0	107.0	1300.0	2.67	19.0	62.0	1.0	2.0		12.0	

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MAP SHEET 7721 21 O/6A

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7721301	47.3205	-67.0785	0	0	1	15.0	29.0	108.0	1500.0	3.00	21.0	66.0	1.0	2.0		8.0	
82	7721302	47.3223	-67.0795	0	0	1	18.0	33.0	122.0	1100.0	3.05	21.0	76.0	1.0	2.0	3.2	8.0	
82	7721303	47.3230	-67.0820	0	0	1	15.0	29.0	105.0	1100.0	3.25	22.0	70.0	1.0	2.0		8.0	
82	7721304	47.3243	-67.0842	0	0	1	14.0	26.0	98.0	1200.0	2.94	19.0	63.0	1.0	2.0		8.0	
82	7721305	47.3255	-67.0855	0	0	1	22.0	36.0	94.0	1500.0	3.19	21.0	72.0	1.0	2.0	3.0	4.0	
82	7721306	47.3263	-67.0885	0	0	1	12.0	26.0	87.0	1600.0	2.67	18.0	56.0	1.0	2.0		4.0	
82	7721307	47.3258	-67.0912	0	0	1	10.0	20.0	66.0	360.0	2.06	14.0	50.0	.5	2.0		4.0	
82	7721308	47.3253	-67.0940	0	0	1	20.0	39.0	85.0	1300.0	2.32	15.0	50.0	1.0	2.0	5.1	12.0	
82	7721309	47.3275	-67.0930	0	0	1	21.0	26.0	96.0	690.0	3.05	16.0	68.0	1.0	2.0		8.0	
82	7721310	47.3279	-67.0985	0	0	1	11.0	23.0	51.0	290.0	2.13	13.0	43.0	.5	2.0		4.0	
82	7721311	47.2890	-67.1240	0	0	1	14.0	33.0	105.0	860.0	2.97	21.0	64.0	1.0	2.0	3.5	8.0	
82	7721312	47.2905	-67.1217	0	0	1	35.0	36.0	126.0	3800.0	3.15	23.0	64.0	1.0	2.0		12.0	
82	7721313	47.2930	-67.1220	0	0	1	16.0	36.0	114.0	1100.0	2.96	20.0	65.0	1.0	2.0		4.0	
82	7721314	47.2903	-67.1200	0	0	1	18.0	39.0	121.0	880.0	3.31	23.0	72.0	1.0	2.0	4.3	4.0	
82	7721315	47.2950	-67.1177	0	0	1	35.0	65.0	131.0	2800.0	3.52	23.0	68.0	1.5	2.0		8.0	
82	7721316	47.2970	-67.1200	0	0	1	30.0	46.0	117.0	2000.0	3.63	23.0	59.0	1.0	2.0		4.0	
82	7721317	47.2965	-67.1185	0	0	1	17.0	39.0	108.0	880.0	2.84	20.0	61.0	1.0	2.0	4.7	12.0	
82	7721318	47.2985	-67.1172	0	0	1	18.0	46.0	110.0	940.0	3.10	22.0	67.0	1.0	2.0		8.0	
82	7721319	47.2990	-67.1148	0	0	1	33.0	36.0	91.0	3000.0	2.84	22.0	57.0	1.0	2.0		8.0	
82	7721320	47.3000	-67.1152	0	0	1	15.0	29.0	94.0	720.0	2.81	19.0	51.0	1.0	2.0	4.2	4.0	
82	7721321	47.3018	-67.1138	0	0	1	18.0	29.0	100.0	1200.0	2.63	19.0	68.0	1.0	2.0		8.0	
82	7721322	47.3035	-67.1120	0	0	1	31.0	29.0	86.0	1000.0	3.38	20.0	80.0	1.0	2.0		12.0	
82	7721323	47.3028	-67.1110	0	0	1	14.0	26.0	101.0	1100.0	2.75	20.0	58.0	1.0	2.0	3.8	4.0	
82	7721324	47.3040	-67.1087	0	0	1	16.0	29.0	100.0	1200.0	2.76	20.0	60.0	1.0	2.0		8.0	
82	7721325	47.3045	-67.1050	0	0	1	21.0	29.0	91.0	1500.0	2.58	18.0	49.0	1.0	2.0		4.0	
82	7721326	47.3052	-67.1062	0	0	1	16.0	29.0	101.0	1100.0	2.79	20.0	60.0	1.0	2.0	3.2	20.0	
82	7721327	47.3077	-67.1037	0	0	1	15.0	26.0	87.0	1000.0	2.56	18.0	49.0	.5	2.0		20.0	
82	7721328	47.3082	-67.1000	0	0	1	17.0	29.0	91.0	860.0	2.70	19.0	55.0	1.0	2.0		12.0	
82	7721329	47.3080	-67.1052	0	0	1	14.0	26.0	107.0	1100.0	3.00	21.0	61.0	1.0	2.0	4.1	12.0	
82	7721330	47.3100	-67.1045	0	0	1	16.0	29.0	94.0	810.0	3.00	19.0	60.0	1.0	2.0		12.0	
82	7721331	47.3105	-67.1065	0	0	1	14.0	26.0	105.0	860.0	2.84	20.0	61.0	.5	2.0		16.0	
82	7721332	47.3120	-67.1080	0	0	1	13.0	23.0	103.0	830.0	3.11	21.0	63.0	1.0	2.0	3.2	20.0	
82	7721333	47.3135	-67.1088	0	0	1	16.0	29.0	107.0	1200.0	3.02	21.0	63.0	1.0	2.0		20.0	
82	7721334	47.2938	-67.1023	0	0	1	30.0	39.0	119.0	2800.0	3.00	20.0	64.0	1.0	2.0		20.0	
82	7721335	47.2934	-67.1005	0	0	1	28.0	48.0	89.0	3000.0	2.96	20.0	62.0	1.0	2.0	7.7	16.0	
82	7721336	47.2914	-67.1015	0	0	1	23.0	52.0	103.0	2300.0	2.59	18.0	58.0	1.0	2.0		16.0	
82	7721337	47.2893	-67.1011	0	0	1	26.0	42.0	128.0	2700.0	2.90	20.0	59.0	1.0	2.0		16.0	
82	7721338	47.2865	-67.1009	0	0	1	27.0	39.0	114.0	2800.0	2.89	19.0	54.0	1.0	2.0	7.2	20.0	
82	7721339	47.2854	-67.1008	0	0	1	18.0	26.0	66.0	950.0	2.46	13.0	42.0	1.0	2.0		16.0	
82	7721340	47.2837	-67.1000	0	0	1	18.0	33.0	94.0	1200.0	2.97	20.0	57.0	1.0	2.0		16.0	
82	7721341	47.2820	-67.1015	0	0	1	13.0	23.0	80.0	860.0	2.62	18.0	55.0	1.0	2.0	3.3	16.0	
82	7721342	47.2807	-67.1040	0	0	1	14.0	26.0	82.0	960.0	2.60	19.0	54.0	1.0	2.0		20.0	
82	7721343	47.2793	-67.1056	0	0	1	15.0	26.0	82.0	970.0	2.60	18.0	54.0	1.0	2.0		20.0	
82	7721344	47.2822	-67.0988	0	0	1	10.0	23.0	79.0	860.0	2.81	19.0	56.0	.5	2.0	3.8	16.0	
82	7721345	47.2810	-67.0960	0	0	1	13.0	26.0	68.0	730.0	2.39	17.0	47.0	.5	2.0		16.0	
82	7721346	47.3152	-67.0365	0	0	1	12.0	23.0	76.0	680.0	2.61	18.0	55.0	1.0	2.0		16.0	
82	7721347	47.3165	-67.0365	0	0	1	12.0	23.0	69.0	610.0	2.30	16.0	46.0	1.0	2.0	2.7	16.0	
82	7721348	47.3200	-67.0362	0	0	1	15.0	23.0	63.0	490.0	2.45	16.0	48.0	1.0	2.0		16.0	
82	7721349	47.3227	-67.0378	0	0	1	18.0	29.0	59.0	490.0	2.07	15.0	46.0	1.0	2.0		8.0	
82	7721350	47.3155	-67.0400	0	0	1	11.0	23.0	75.0	710.0	2.42	17.0	51.0	1.0	2.0	2.7	12.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7721 21 O/6A

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7721351	47.3163	-67.0420	0	0	1	19.0	26.0	66.0	630.0	2.78	20.0	62.0	1.0	2.0		12.0	
82	7721352	47.3142	-67.0428	0	0	1	9.0	16.0	63.0	410.0	2.06	14.0	42.0	.5	2.0		12.0	
82	7721353	47.3137	-67.0450	0	0	1	11.0	20.0	71.0	540.0	2.33	16.0	49.0	1.0	2.0	3.0	12.0	
82	7721354	47.3113	-67.0473	0	0	1	12.0	23.0	75.0	730.0	2.37	17.0	51.0	1.0	2.0		8.0	
82	7721355	47.3097	-67.0518	0	0	1	13.0	23.0	78.0	760.0	2.43	18.0	53.0	.5	2.0		8.0	
82	7721356	47.3105	-67.0540	0	0	1	13.0	23.0	69.0	590.0	2.34	17.0	50.0	1.0	2.0	2.5	8.0	
82	7721357	47.3095	-67.0572	0	0	1	13.0	20.0	69.0	520.0	2.36	17.0	51.0	1.0	2.0		12.0	
82	7721358	47.3087	-67.0597	0	0	1	15.0	20.0	76.0	650.0	2.56	18.0	57.0	.5	2.0		8.0	
82	7721359	47.3060	-67.0605	0	0	1	11.0	16.0	63.0	410.0	2.10	15.0	47.0	1.0	2.0	2.3	8.0	
82	7721360	47.3042	-67.0630	0	0	1	12.0	20.0	68.0	650.0	2.20	17.0	50.0	1.0	2.0		8.0	
82	7721361	47.3027	-67.0672	0	0	1	16.0	33.0	78.0	1000.0	2.75	20.0	60.0	1.0	2.0		16.0	
82	7721362	47.3032	-67.0718	0	0	1	12.0	20.0	68.0	730.0	2.80	20.0	59.0	1.0	2.0	2.7	12.0	
82	7721363	47.3013	-67.0732	0	0	1	12.0	20.0	68.0	500.0	2.35	17.0	51.0	.5	2.0		12.0	
82	7721364	47.3730	-67.0475	0	0	1	15.0	25.0	56.0	290.0	2.45	17.0	49.0	1.0	2.0		8.0	
82	7721365	47.2954	-67.0760	0	0	1	12.0	20.0	66.0	380.0	2.14	16.0	48.0	1.0	2.0		8.0	
82	7721366	47.2938	-67.0808	0	0	1	17.0	29.0	82.0	860.0	3.10	22.0	66.0	1.0	2.0	2.3	12.0	
82	7721367	47.3485	-67.0268	0	0	1	13.0	22.0	79.0	820.0	2.52	17.0	53.0	1.0	2.0	2.8	4.0	
82	7721368	47.3485	-67.0300	0	0	1	13.0	19.0	87.0	720.0	2.65	18.0	56.0	1.0	2.0		8.0	
82	7721369	47.3480	-67.0325	0	0	1	13.0	22.0	85.0	820.0	2.85	19.0	59.0	1.0	2.0		4.0	
82	7721370	47.3472	-67.0350	0	0	1	13.0	22.0	82.0	780.0	2.67	18.0	54.0	1.0	2.0	3.1	4.0	
82	7721371	47.3472	-67.0380	0	0	1	13.0	25.0	85.0	920.0	2.63	18.0	56.0	1.0	2.0		4.0	
82	7721372	47.3487	-67.0400	0	0	1	14.0	25.0	85.0	1100.0	2.65	18.0	54.0	1.0	2.0		8.0	
82	7721373	47.3510	-67.0410	0	0	1	14.0	28.0	84.0	1500.0	2.44	18.0	52.0	1.0	2.0	3.6	12.0	
82	7721374	47.3530	-67.0415	0	0	1	13.0	28.0	84.0	1100.0	2.59	22.0	61.0	1.0	2.0		8.0	
82	7721375	47.3560	-67.0435	0	0	1	19.0	34.0	134.0	3600.0	2.63	22.0	61.0	1.0	2.0		8.0	
82	7721376	47.3547	-67.0450	0	0	1	14.0	19.0	84.0	730.0	2.64	20.0	56.0	1.0	2.0	2.7	12.0	
82	7721377	47.3455	-67.0380	0	0	1	16.0	22.0	85.0	660.0	2.91	16.0	61.0	1.0	2.0		12.0	
82	7721378	47.3432	-67.0413	0	0	1	14.0	19.0	60.0	750.0	2.37	18.0	44.0	1.0	2.0		8.0	
82	7721379	47.3417	-67.0413	0	0	1	15.0	22.0	73.0	870.0	2.63	18.0	48.0	1.0	2.0	3.0	8.0	
82	7721380	47.3400	-67.0400	0	0	1	16.0	25.0	97.0	1100.0	2.86	22.0	63.0	1.0	2.0		8.0	
82	7721381	47.3420	-67.0436	0	0	1	18.0	22.0	92.0	930.0	2.65	19.0	58.0	1.0	2.0		8.0	
82	7721382	47.3407	-67.0450	0	0	1	19.0	28.0	106.0	2000.0	2.76	23.0	62.0	1.0	2.0	4.5	8.0	
82	7721383	47.3400	-67.0480	0	0	1	19.0	25.0	95.0	1500.0	2.60	20.0	55.0	1.0	2.0		12.0	
82	7721384	47.3403	-67.0500	0	0	1	23.0	28.0	87.0	1400.0	2.90	23.0	59.0	1.0	2.0		20.0	
82	7721385	47.3447	-67.0510	0	0	1	20.0	38.0	114.0	2000.0	2.70	21.0	59.0	1.0	2.0	5.2	8.0	
82	7721386	47.3467	-67.0500	0	0	1	23.0	34.0	119.0	2200.0	2.86	23.0	62.0	1.0	2.0		8.0	
82	7721387	47.3485	-67.0520	0	0	1	26.0	42.0	112.0	1900.0	3.21	25.0	69.0	1.0	2.0		12.0	
82	7721388	47.3380	-67.0465	0	0	1	16.0	22.0	104.0	1100.0	2.67	21.0	63.0	1.0	2.0	2.8	8.0	
82	7721389	47.3365	-67.0465	0	0	1	16.0	25.0	104.0	1100.0	2.50	19.0	61.0	1.0	2.0		12.0	
82	7721390	47.3368	-67.0485	0	0	1	30.0	34.0	114.0	1600.0	3.36	24.0	77.0	1.0	2.0		12.0	
82	7721391	47.3393	-67.0513	0	0	1	28.0	31.0	104.0	1600.0	3.32	24.0	73.0	1.0	2.0	4.3	12.0	
82	7721392	47.3393	-67.0545	0	0	1	28.0	31.0	127.0	1800.0	3.31	23.0	74.0	1.0	2.0		12.0	
82	7721393	47.3408	-67.0539	0	0	1	30.0	31.0	120.0	1500.0	3.40	24.0	81.0	1.0	2.0		12.0	
82	7721394	47.3418	-67.0573	0	0	1	32.0	34.0	131.0	1600.0	2.45	25.0	83.0	1.0	2.0	4.6	12.0	
82	7721395	47.2920	-67.0205	0	0	1	21.0	27.0	89.0	1600.0	2.51	19.0	53.0	1.0	2.0		4.0	
82	7721396	47.2903	-67.0200	0	0	1	15.0	27.0	90.0	1200.0	2.16	18.0	48.0	1.0	2.0	6.8	8.0	
82	7721397	47.2885	-67.0155	0	0	1	19.0	27.0	92.0	840.0	2.02	17.0	54.0	1.0	2.0		4.0	
82	7721398	47.2903	-67.0110	0	0	1	16.0	24.0	109.0	1200.0	2.62	21.0	58.0	1.0	2.0		4.0	
82	7721399	47.2883	-67.0105	0	0	2	19.0	42.0	83.0	690.0	1.57	15.0	36.0	1.0	2.0	9.6	4.0	
82	7721400	47.2875	-67.0075	0	0	2	15.0	36.0	61.0	1500.0	1.39	13.0	30.0	1.0	2.0		8.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
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* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7721 21 O/6A

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7721401	47.2868	-67.0035	0	0	2	19.0	48.0	80.0	2100.0	2.00	18.0	39.0	1.0	2.0		4.0	
82	7721402	47.2873	-67.0168	0	0	1	17.0	36.0	123.0	2000.0	2.47	19.0	51.0	1.0	2.0	6.5	4.0	
82	7721403	47.2855	-67.0176	0	0	1	16.0	27.0	87.0	680.0	2.76	20.0	59.0	1.0	2.0		4.0	
82	7721404	47.2853	-67.0150	0	0	1	18.0	63.0	147.0	2200.0	2.41	19.0	59.0	1.0	4.0		4.0	
82	7721405	47.2835	-67.0124	0	0	1	19.0	36.0	126.0	2300.0	2.44	18.0	47.0	1.0	2.0	7.7	4.0	
82	7721406	47.2812	-67.0108	0	0	1	21.0	51.0	181.0	4200.0	1.86	17.0	41.0	1.0	4.0		4.0	
82	7721407	47.2792	-67.0112	0	0	1	20.0	48.0	153.0	5100.0	2.22	19.0	43.0	1.0	4.0		4.0	
82	7721408	47.2765	-67.0118	0	0	1	22.0	63.0	206.0	10000.0	1.91	18.0	51.0	1.0	6.0	14.1	4.0	
82	7721409	47.2820	-67.0090	0	0	1	18.0	39.0	107.0	1900.0	2.81	20.0	51.0	1.0	2.0		4.0	
82	7721410	47.2800	-67.0065	0	0	1	16.0	30.0	80.0	1400.0	2.89	21.0	46.0	1.0	2.0		4.0	
82	7721411	47.2780	-67.0040	0	0	1	14.0	30.0	67.0	1400.0	3.11	22.0	43.0	1.0	2.0	5.7	4.0	
82	7721412	47.3732	-67.0525	0	0	1	15.0	28.0	109.0	990.0	3.22	24.0	72.0	1.0	2.0		4.0	
82	7721413	47.3715	-67.0562	0	0	1	16.0	28.0	100.0	1200.0	2.68	21.0	59.0	1.0	2.0	3.5	4.0	
82	7721414	47.3700	-67.0600	0	0	1	16.0	25.0	109.0	1100.0	2.98	22.0	64.0	1.0	2.0		4.0	
82	7721415	47.3695	-67.0633	0	0	1	15.0	28.0	108.0	1100.0	2.80	22.0	64.0	1.0	2.0		4.0	
82	7721416	47.3695	-67.0603	0	0	1	17.0	31.0	115.0	1500.0	2.96	24.0	66.0	1.0	2.0	2.8	4.0	
82	7721417	47.3712	-67.0670	0	0	1	13.0	31.0	85.0	2400.0	2.86	26.0	69.0	1.0	2.0		8.0	
82	7721418	47.3743	-67.0720	0	0	1	14.0	28.0	159.0	2400.0	3.35	30.0	80.0	1.0	2.0		4.0	
82	7721419	47.3629	-67.0675	0	0	1	15.0	31.0	112.0	1300.0	2.83	22.0	63.0	1.0	2.0	3.5	4.0	
82	7721420	47.3650	-67.0643	0	0	1	15.0	31.0	100.0	1400.0	2.55	21.0	58.0	1.0	2.0		4.0	
82	7721421	47.3667	-67.0606	0	0	1	15.0	34.0	103.0	1500.0	2.84	22.0	60.0	1.0	2.0		4.0	
82	7721422	47.3670	-67.0562	0	0	1	14.0	31.0	95.0	1100.0	2.64	20.0	55.0	1.0	2.0	3.5	8.0	
82	7721423	47.3660	-67.0533	0	0	1	16.0	34.0	100.0	1200.0	2.65	21.0	59.0	1.0	2.0		8.0	
82	7721424	47.3655	-67.0480	0	0	1	15.0	25.0	108.0	990.0	3.29	25.0	69.0	1.0	2.0		4.0	
82	7721425	47.3657	-67.0430	0	0	1	15.0	28.0	102.0	1300.0	3.16	24.0	65.0	1.0	2.0	3.0	4.0	
82	7721426	47.3660	-67.0383	0	0	1	15.0	35.0	92.0	1400.0	2.95	23.0	65.0	1.0	2.0		4.0	
82	7721427	47.3685	-67.0378	0	0	1	13.0	22.0	81.0	570.0	2.64	19.0	59.0	1.0	2.0		8.0	
82	7721428	47.3717	-67.0393	0	0	1	11.0	25.0	80.0	630.0	2.57	20.0	57.0	1.0	2.0	3.3	4.0	
82	7721429	47.3732	-67.0440	0	0	1	19.0	31.0	53.0	710.0	2.59	17.0	53.0	1.0	2.0		4.0	
82	7721429	47.3732	-67.0440	0	0	1	19.0	31.0	53.0	710.0	2.59	17.0	53.0	1.0	2.0		4.0	

21 O/6A

1. STATISTICS 1

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 ************
 * COPPER   *                              MAXIMUM        48.0000000
 ************                              MINIMUM         6.0000000
                                           RANGE          42.0000000
VARIABLE NUMBER . . . . . .       2        VARIANCE       49.1420288
NUMBER OF DISTINCT VALUES .      35        ST.DEV.         7.0101385
NUMBER OF VALUES COUNTED. .     429        (Q3-Q1)/2       4.0000000
NUMBER OF VALUES NOT COUNTED      0        MX.ST.SC.       4.41
                                           MN.ST.SC.      -1.58

LOCATION ESTIMATES                                   ST.ERROR
                   MEAN           17.0512695       0.3384527
                   MEDIAN         15.0000000       0.2886752
                   MODE           12.0000000

        HHH
        HHH
        HHH                          EACH 'H'
        HHH H                       REPRESENTS
       HHHH H                            8
       HHHH H                        COUNT(S)
       HHHH HHH H
      HHHHHHHHHHH
     HHHHHHHHHHHHHHHHHHHH H H
  L--------------------------U

       EACH '-' ABOVE =       2.0000
                    L=        2.0000
                    U=       54.0000
  CASE NO. OF MIN. VAL. =  230
  CASE NO. OF MAX. VAL. =  145

                                                 Q1=   12.0000000
                         VALUE    VALUE/S.E.     Q3=   20.0000000
     SKEWNESS             1.43       12.08       S-=   10.0411310
     KURTOSIS             2.22        9.37       S+=   24.0614014

                        EACH '.' BELOW =       0.5000

              S Q               Q        S
         M    - M    M    M     3        +                                     M
         I......O....E....E............................................A
         N      D    D    A                                            X
                E    I    N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
6.	1	0.2	0.2
8.	10	2.3	2.6
9.	15	3.5	6.1
10.	24	5.6	11.7
11.	32	7.5	19.1
12.	39	9.1	28.2
13.	37	8.6	36.8
14.	33	7.7	44.5
15.	37	8.6	53.1
16.	29	6.8	59.9
17.	14	3.3	63.2
18.	26	6.1	69.2
19.	20	4.7	73.9
20.	11	2.6	76.5
21.	12	2.8	79.3
22.	13	3.0	82.3
23.	10	2.3	84.6
24.	8	1.9	86.5
25.	3	0.7	87.2
26.	9	2.1	89.3
27.	9	2.1	91.4
28.	6	1.4	92.8
29.	1	0.2	93.0
30.	4	0.9	93.9
31.	2	0.5	94.4
32.	5	1.2	95.6
33.	3	0.7	96.3
34.	1	0.2	96.5
35.	5	1.2	97.7
37.	2	0.5	98.1
39.	4	0.9	99.1
40.	1	0.2	99.3
44.	1	0.2	99.5
45.	1	0.2	99.8
48.	1	0.2	100.0

PAGE 3 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7721 21 O/6A

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************
* LEAD     *
************

VARIABLE NUMBER . . . . . .          3
NUMBER OF DISTINCT VALUES .         42
NUMBER OF VALUES COUNTED. .        429
NUMBER OF VALUES NOT COUNTED         0

MAXIMUM        78.0000000
MINIMUM        13.0000000
RANGE          65.0000000
VARIANCE       99.4404144
ST.DEV.         9.9719820
(Q3-Q1)/2       6.5000000
MX.ST.SC.       4.78
MN.ST.SC.      -1.73

LOCATION ESTIMATES
                                      ST.ERROR
          MEAN        30.2913666     0.4814519
          MEDIAN      29.0000000     0.8660256
          MODE        23.0000000
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       H
        HH
       HHH
       HHH H
       HHHHHH                         EACH 'H'
       HHHHHHH                        REPRESENTS
       HHHHHHHH                           7
       HHHHHHHHH                      COUNT(S)
      HHHHHHHHHHHHH
     HHHHHHHHHHHHHHH  HH H HH
L---------------------------U

        EACH '-' ABOVE =      3.0000
                    L=        6.0000
                    U=       83.9999
CASE NO. OF MIN. VAL. =  221
CASE NO. OF MAX. VAL. =  258

                                              Q1=   23.0000000
                VALUE    VALUE/S.E.           Q3=   35.0000000
SKEWNESS         1.36       11.53             S-=   20.3193817
KURTOSIS         2.95       12.47             S+=   40.2633362

        EACH '.' BELOW =      0.7500
```

```
             S Q      M M         Q     S
M            - M      E E         3     +                                                          M
I............O.......E.E.....................................................................A
N            D       D A                                                                       X
             E       I N
```

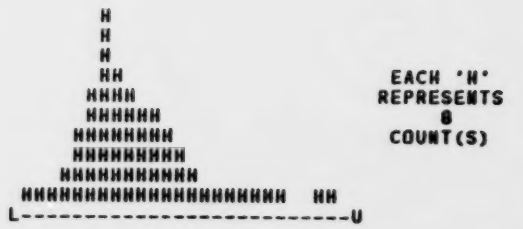
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
13.	1	0.2	0.2	27.	8	1.9	46.6	38.	1	0.2	80.9	51.	1	0.2	96.7
16.	9	2.1	2.3	28.	12	2.8	49.4	39.	20	4.7	85.5	52.	5	1.2	97.9
17.	4	0.9	3.3	29.	20	4.7	54.1	40.	8	1.9	87.4	53.	1	0.2	98.1
18.	1	0.2	3.5	30.	27	6.3	60.4	42.	9	2.1	89.5	62.	1	0.2	98.4
19.	27	6.3	9.8	31.	10	2.3	62.7	43.	6	1.4	90.9	63.	2	0.5	98.8
20.	27	6.3	16.1	32.	8	1.9	64.6	44.	1	0.2	91.1	65.	1	0.2	99.1
22.	13	3.0	19.1	33.	23	5.4	69.9	45.	3	0.7	91.8	71.	2	0.5	99.5
23.	51	11.9	31.0	34.	6	1.4	71.3	46.	9	2.1	93.9	75.	1	0.2	99.8
24.	1	0.2	31.2	35.	10	2.3	73.7	48.	4	0.9	94.9	78.	1	0.2	100.0
25.	14	3.3	34.5	36.	28	6.5	80.2	49.	2	0.5	95.3				
26.	44	10.3	44.8	37.	2	0.5	80.7	50.	5	1.2	96.5				

****
* ZINC *
****

VARIABLE NUMBER	4	MAXIMUM	216.0000000
NUMBER OF DISTINCT VALUES .	108	MINIMUM	36.0000000
NUMBER OF VALUES COUNTED. .	429	RANGE	180.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	712.4277344
		ST.DEV.	26.6913452
		(Q3-Q1)/2	16.5000000
		MX.ST.SC.	4.59
		MN.ST.SC.	-2.16

LOCATION ESTIMATES

		ST.ERROR
MEAN	93.5874023	1.2886705
MEDIAN	87.0000000	1.7320509
MODE	77.0000000	



EACH '-' ABOVE = 7.5000
L= 30.0000
U= 224.9999

CASE NO. OF MIN. VAL. = 232
CASE NO. OF MAX. VAL. = 236

	VALUE	VALUE/S.E.
SKEWNESS	1.26	10.68
KURTOSIS	2.62	11.07

Q1= 75.0000000
Q3= 108.0000000
S-= 66.8960571
S+= 120.2787476

EACH '.' BELOW = 1.5000

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
36.	1	0.2	0.2	75.	14	3.3	26.1	103.	9	2.1	69.7	131.	5	1.2	92.5
38.	1	0.2	0.5	76.	3	0.7	26.8	104.	6	1.4	71.1	132.	2	0.5	93.0
42.	1	0.2	0.7	77.	15	3.5	30.3	105.	6	1.4	72.5	134.	2	0.5	93.5
45.	1	0.2	0.9	78.	9	2.1	32.4	106.	4	0.9	73.4	135.	1	0.2	93.7
51.	1	0.2	1.2	79.	5	1.2	33.6	107.	6	1.4	74.8	138.	2	0.5	94.2
52.	1	0.2	1.4	80.	13	3.0	36.6	108.	5	1.2	76.0	139.	1	0.2	94.4
53.	1	0.2	1.6	81.	3	0.7	37.3	109.	6	1.4	77.4	140.	2	0.5	94.9
54.	1	0.2	1.9	82.	13	3.0	40.3	110.	2	0.5	77.9	141.	1	0.2	95.1
55.	1	0.2	2.1	83.	8	1.9	42.2	111.	6	1.4	79.3	143.	2	0.5	95.6
56.	2	0.5	2.6	84.	9	2.1	44.3	112.	4	0.9	80.2	145.	1	0.2	95.8
57.	1	0.2	2.8	85.	12	2.8	47.1	113.	4	0.9	81.1	147.	1	0.2	96.0
59.	4	0.9	3.7	86.	5	1.2	48.3	114.	6	1.4	82.5	148.	1	0.2	96.3
60.	3	0.7	4.4	87.	8	1.9	50.1	115.	3	0.7	83.2	150.	1	0.2	96.5
61.	5	1.2	5.6	88.	2	0.5	50.6	116.	5	1.2	84.4	151.	1	0.2	96.7
62.	1	0.2	5.8	89.	6	1.4	52.0	117.	3	0.7	85.1	153.	1	0.2	97.0
63.	9	2.1	7.9	90.	6	1.4	53.4	118.	1	0.2	85.3	159.	1	0.2	97.2
64.	3	0.7	8.6	91.	5	1.2	54.5	119.	3	0.7	86.0	162.	2	0.5	97.7
65.	1	0.2	8.9	92.	8	1.9	56.4	120.	5	1.2	87.2	171.	1	0.2	97.9
66.	8	1.9	10.7	93.	7	1.6	58.0	121.	3	0.7	87.9	173.	1	0.2	98.1
67.	4	0.9	11.7	94.	5	1.2	59.2	122.	1	0.2	88.1	174.	1	0.2	98.4
68.	10	2.3	14.0	95.	6	1.4	60.6	123.	4	0.9	89.0	181.	1	0.2	98.6
69.	6	1.4	15.4	96.	2	0.5	61.1	124.	2	0.5	89.5	182.	1	0.2	98.8
70.	5	1.2	16.6	97.	7	1.6	62.7	125.	1	0.2	89.7	185.	1	0.2	99.1

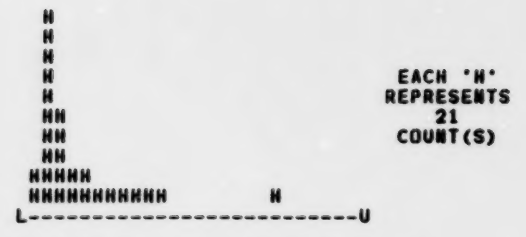
71.	8	1.9	18.4	98.	4	0.9	63.6	126.	3	0.7	90.4	187.	1	0.2	99.3
72.	6	1.4	19.8	100.	11	2.6	66.2	127.	1	0.2	90.7	203.	1	0.2	99.5
73.	7	1.6	21.4	101.	2	0.5	66.7	128.	2	0.5	91.1	206.	1	0.2	99.8
74.	6	1.4	22.8	102.	4	0.9	67.6	130.	1	0.2	91.4	216.	1	0.2	100.0

****
* MANGANES *
****

VARIABLE NUMBER	5	MAXIMUM	10000.0000000
NUMBER OF DISTINCT VALUES .	102	MINIMUM	200.0000000
NUMBER OF VALUES COUNTED. .	429	RANGE	9800.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	778522.2500000
		ST.DEV.	882.3391118
		(Q3-Q1)/2	410.0000000
		MX.ST.SC.	9.96
		MN.ST.SC.	-1.15

LOCATION ESTIMATES

		ST.ERROR
MEAN	1212.2609863	42.5997314
MEDIAN	940.0000000	28.8675232
MODE	1100.0000000	



EACH '-' ABOVE = 500.0000
L= 0.0
U= 13000.0000
CASE NO. OF MIN. VAL. = 232
CASE NO. OF MAX. VAL. = 408

	VALUE	VALUE/S.E.
SKEWNESS	3.50	29.59
KURTOSIS	24.08	101.79

Q1= 680.0000000
Q3= 1500.0000000
S-= 329.9218750
S+= 2094.6000977

EACH '.' BELOW = 100.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
200.	1	0.2	0.2	580.	5	1.2	16.8	840.	4	0.9	40.3	1900.	5	1.2	84.8
220.	1	0.2	0.5	590.	3	0.7	17.5	850.	6	1.4	41.7	2000.	8	1.9	86.7
290.	2	0.5	0.9	600.	1	0.2	17.7	860.	10	2.3	44.1	2100.	7	1.6	88.3
320.	1	0.2	1.2	610.	3	0.7	18.4	870.	1	0.2	44.3	2200.	9	2.1	90.4
340.	2	0.5	1.6	620.	5	1.2	19.6	880.	4	0.9	45.2	2300.	6	1.4	91.8
350.	1	0.2	1.9	630.	7	1.6	21.2	890.	1	0.2	45.5	2400.	2	0.5	92.3
360.	3	0.7	2.6	640.	2	0.5	21.7	900.	2	0.5	45.9	2500.	2	0.5	92.8
370.	1	0.2	2.8	650.	6	1.4	23.1	910.	5	1.2	47.1	2600.	4	0.9	93.7
380.	1	0.2	3.0	660.	1	0.2	23.3	920.	5	1.2	48.3	2700.	6	1.4	95.1
400.	4	0.9	4.0	670.	3	0.7	24.0	930.	4	0.9	49.2	2800.	4	0.9	96.0
410.	4	0.9	4.9	680.	8	1.9	25.9	940.	4	0.9	50.1	2900.	1	0.2	96.3
420.	3	0.7	5.6	690.	12	2.8	28.7	950.	3	0.7	50.8	3000.	2	0.5	96.7
430.	1	0.2	5.8	700.	2	0.5	29.1	960.	1	0.2	51.0	3200.	2	0.5	97.2
440.	1	0.2	6.1	710.	6	1.4	30.5	970.	3	0.7	51.7	3300.	1	0.2	97.4
450.	1	0.2	6.3	720.	5	1.2	31.7	980.	3	0.7	52.4	3600.	1	0.2	97.7
460.	4	0.9	7.2	730.	6	1.4	33.1	990.	3	0.7	53.1	3700.	1	0.2	97.9
470.	1	0.2	7.5	740.	1	0.2	33.3	1000.	12	2.8	55.9	3800.	1	0.2	98.1
490.	3	0.7	8.2	750.	4	0.9	34.3	1100.	31	7.2	63.2	3900.	1	0.2	98.4
500.	4	0.9	9.1	760.	2	0.5	34.7	1110.	1	0.2	63.4	4100.	1	0.2	98.6
510.	2	0.5	9.6	770.	4	0.9	35.7	1200.	20	4.7	68.1	4200.	2	0.5	99.1
520.	2	0.5	10.0	780.	2	0.5	36.1	1300.	11	2.6	70.6	4400.	1	0.2	99.3
530.	2	0.5	10.5	790.	2	0.5	36.6	1400.	10	2.3	73.0	4600.	1	0.2	99.5
540.	6	1.4	11.9	800.	1	0.2	36.8	1500.	20	4.7	77.6	5100.	1	0.2	99.8

550.	3	0.7	12.6	810.	3	0.7	37.5	1600.	15	3.5	81.1	10000.	1	0.2	100.0
560.	8	1.9	14.5	820.	4	0.9	38.5	1700.	5	1.2	82.3				
570.	5	1.2	15.6	830.	4	0.9	39.4	1800.	6	1.4	83.7				

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* IRONPCNT *
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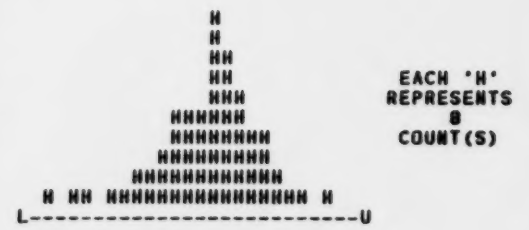
VARIABLE NUMBER	6	MAXIMUM	4.0000000
NUMBER OF DISTINCT VALUES .	168	MINIMUM	0.7300000
NUMBER OF VALUES COUNTED. .	429	RANGE	3.2699995
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.2097940
		ST.DEV.	0.4580328
		(Q3-Q1)/2	0.2849998
		MX.ST.SC.	3.04
		MN.ST.SC.	-4.10

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.6079159	0.0221140
MEDIAN	2.6399994	0.0202072
MODE	2.6099997	



EACH '-' ABOVE = 0.1500
L= 0.4500
U= 4.3500

CASE NO. OF MIN. VAL. = 231
CASE NO. OF MAX. VAL. = 102

	VALUE	VALUE/S.E.
SKEWNESS	-0.39	-3.33
KURTOSIS	0.78	3.31

Q1= 2.3199997
Q3= 2.8099994
S-= 2.1498823
S+= 3.0659485

EACH '.' BELOW = 0.0300

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.7300	1	0.2	0.2	2.1700	3	0.7	16.6	2.6100	10	2.3	47.1	3.0500	2	0.5	83.7
0.9200	1	0.2	0.5	2.1800	7	1.6	18.2	2.6200	5	1.2	48.3	3.0600	3	0.7	84.4
1.0900	1	0.2	0.7	2.1900	2	0.5	18.6	2.6300	4	0.9	49.2	3.0700	2	0.5	84.8
1.3800	1	0.2	0.9	2.2000	2	0.5	19.1	2.6400	9	2.1	51.3	3.0800	2	0.5	85.3
1.4000	1	0.2	1.2	2.2100	4	0.9	20.0	2.6500	7	1.6	52.9	3.0900	3	0.7	86.0
1.4200	1	0.2	1.4	2.2200	3	0.7	20.7	2.6600	5	1.2	54.1	3.1000	3	0.7	86.7
1.4900	1	0.2	1.6	2.2300	2	0.5	21.2	2.6800	8	1.9	55.9	3.1100	3	0.7	87.4
1.5800	1	0.2	1.9	2.2400	1	0.2	21.4	2.6900	3	0.7	56.6	3.1200	3	0.7	88.1
1.6000	1	0.2	2.1	2.2500	1	0.2	21.7	2.7000	5	1.2	57.8	3.1300	1	0.2	88.3
1.6700	1	0.2	2.3	2.2600	1	0.2	21.9	2.7100	4	0.9	58.7	3.1500	1	0.2	88.6
1.7000	1	0.2	2.6	2.2700	2	0.5	22.4	2.7200	2	0.5	59.2	3.1600	2	0.5	89.0
1.7200	1	0.2	2.8	2.2800	1	0.2	22.6	2.7300	1	0.2	59.4	3.1700	3	0.7	89.7
1.7300	1	0.2	3.0	2.2900	1	0.2	22.8	2.7400	4	0.9	60.4	3.1800	1	0.2	90.0
1.7400	1	0.2	3.3	2.3000	1	0.2	23.1	2.7500	4	0.9	61.3	3.1900	2	0.5	90.4
1.7600	1	0.2	3.5	2.3100	4	0.9	24.0	2.7600	7	1.6	62.9	3.2000	3	0.7	91.1
1.7800	1	0.2	3.7	2.3200	5	1.2	25.2	2.7700	7	1.6	64.6	3.2100	1	0.2	91.4
1.7900	3	0.7	4.4	2.3300	5	1.2	26.3	2.7800	3	0.7	65.3	3.2200	2	0.5	91.8
1.8200	1	0.2	4.7	2.3400	2	0.5	26.8	2.7900	3	0.7	66.0	3.2300	2	0.5	92.3
1.8400	2	0.5	5.1	2.3500	2	0.5	27.3	2.8000	3	0.7	66.7	3.2400	1	0.2	92.5
1.8500	2	0.5	5.6	2.3600	2	0.5	27.7	2.8100	4	0.9	67.6	3.2500	2	0.5	93.0
1.8700	2	0.5	6.1	2.3700	3	0.7	28.4	2.8200	9	2.1	69.7	3.2600	1	0.2	93.2
1.9000	1	0.2	6.3	2.3800	6	1.4	29.8	2.8300	1	0.2	69.9	3.2700	2	0.5	93.7
1.9100	2	0.5	6.8	2.4000	2	0.5	30.3	2.8400	4	0.9	70.9	3.2800	2	0.5	94.2

1.9200	2	0.5	7.2	2.4100	5	1.2	31.5	2.8500	8	1.9	72.7	3.3000	1	0.2	94.4
1.9500	2	0.5	7.7	2.4200	3	0.7	32.2	2.8600	1	0.2	73.0	3.3200	2	0.5	94.9
1.9600	1	0.2	7.9	2.4300	5	1.2	33.3	2.8700	7	1.6	74.6	3.3300	1	0.2	95.1
1.9700	1	0.2	8.2	2.4400	2	0.5	33.8	2.8800	1	0.2	74.8	3.3400	1	0.2	95.3
1.9800	3	0.7	8.9	2.4500	5	1.2	35.0	2.8900	1	0.2	75.1	3.3600	2	0.5	95.8
2.0000	4	0.9	9.8	2.4600	3	0.7	35.7	2.9000	3	0.7	75.8	3.3700	1	0.2	96.0
2.0100	1	0.2	10.0	2.4700	2	0.5	36.1	2.9100	5	1.2	76.9	3.3800	2	0.5	96.5
2.0200	3	0.7	10.7	2.4800	3	0.7	36.8	2.9200	2	0.5	77.4	3.3900	1	0.2	96.7
2.0300	1	0.2	11.0	2.4900	2	0.5	37.3	2.9300	3	0.7	78.1	3.4100	2	0.5	97.2
2.0400	1	0.2	11.2	2.5000	1	0.2	37.5	2.9400	2	0.5	78.6	3.4200	2	0.5	97.7
2.0700	2	0.5	11.7	2.5100	1	0.2	37.8	2.9500	1	0.2	78.8	3.4600	1	0.2	97.9
2.0800	2	0.5	12.1	2.5200	1	0.2	38.0	2.9600	1	0.2	79.0	3.4700	1	0.2	98.1
2.0900	1	0.2	12.4	2.5300	4	0.9	38.9	2.9700	4	0.9	80.0	3.5100	1	0.2	98.4
2.1000	1	0.2	12.6	2.5400	1	0.2	39.2	2.9800	4	0.9	80.9	3.5300	1	0.2	98.6
2.1100	3	0.7	13.3	2.5600	4	0.9	40.1	2.9900	2	0.5	81.4	3.5500	1	0.2	98.8
2.1300	2	0.5	13.8	2.5700	5	1.2	41.3	3.0000	1	0.2	81.6	3.5900	1	0.2	99.1
2.1400	3	0.7	14.5	2.5800	5	1.2	42.4	3.0100	4	0.9	82.5	3.6400	1	0.2	99.3
2.1500	2	0.5	14.9	2.5900	2	0.5	42.9	3.0200	1	0.2	82.8	3.6500	2	0.5	99.8
2.1600	4	0.9	15.8	2.6000	8	1.9	44.8	3.0300	2	0.5	83.2	4.0000	1	0.2	100.0

PAGE 7 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7721 21 0/6A

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*************
* COBALT    *
*************                                   MAXIMUM        30.0000000
                                                MINIMUM         7.0000000
                                                RANGE          23.0000000
VARIABLE NUMBER . . . . . .        7            VARIANCE        9.9680004
NUMBER OF DISTINCT VALUES .       21            ST.DEV.         3.1572142
NUMBER OF VALUES COUNTED. .      429            (Q3-Q1)/2       2.0000000
NUMBER OF VALUES NOT COUNTED       0            MX.ST.SC.       3.62
                                                MN.ST.SC.      -3.67

LOCATION ESTIMATES                                  ST.ERROR
                    MEAN          18.5827404       0.1524317
                    MEDIAN        19.0000000       0.2886752
                    MODE          18.0000000

                                                              H
                                                             H H
                                                             HHH               EACH 'H'
                                                            HHHHH              REPRESENTS
                                                          H HHHHH                 7
                                                        H HHHHHHHHH            COUNT(S)
                                                        H HHHHHHHHH
                                                       HH HHHHHHHHHHH
                                                 HH HHHHH HHHHHHHHHHHHH H H
                                                L---------------------------U

                                                 EACH '-' ABOVE =        1.0000
                                                                L=       6.0000
                                                                U=      32.0000
                                            CASE NO. OF MIN. VAL. =  232
                                            CASE NO. OF MAX. VAL. =  418

                                                                     Q1=   17.0000000
                                          VALUE   VALUE/S.E.         Q3=   21.0000000
                             SKEWNESS     -0.09        -0.78         S-=   15.4255342
                             KURTOSIS      0.32         1.36         S+=   21.7399597

                                                EACH '.' BELOW =       0.2000
                        S      Q                   Q   S
M                       -      1   M  M M          3   +                           M
I..................................O..E.E..............................................A
N                                  D  A D                                            X
                                   E  N I
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VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
7.	1	0.2	0.2	14.	26	6.1	10.3	20.	56	13.1	73.2	26.	2	0.5	99.5
8.	1	0.2	0.5	15.	35	8.2	18.4	21.	39	9.1	82.3	28.	1	0.2	99.8
10.	1	0.2	0.7	16.	27	6.3	24.7	22.	28	6.5	88.8	30.	1	0.2	100.0
11.	1	0.2	0.9	17.	42	9.8	34.5	23.	27	6.3	95.1				
12.	6	1.4	2.3	18.	63	14.7	49.2	24.	13	3.0	98.1				
13.	8	1.9	4.2	19.	47	11.0	60.1	25.	4	0.9	99.1				

PAGE 8 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7721 21 O/6A

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*************
* NICKEL    *
*************

VARIABLE NUMBER . . . . . . .       8      MAXIMUM         110.0000000
NUMBER OF DISTINCT VALUES .        60      MINIMUM          13.0000000
NUMBER OF VALUES COUNTED. .       429      RANGE            97.0000000
NUMBER OF VALUES NOT COUNTED        0      VARIANCE        133.9789581
                                           ST.DEV.          11.5749283
                                           (Q3-Q1)/2         7.5000000
                                           MX.ST.SC.         4.82
                                           MN.ST.SC.        -3.56

LOCATION ESTIMATES                             ST.ERROR
                 MEAN         54.2097778     0.5588429
                 MEDIAN       54.0000000     0.5773506
                 MODE         61.0000000

                      H H
                     HHHH
                     HHHH
                    HHHHH                EACH 'H'
                    HHHHH               REPRESENTS
                    HHHHH                    8
                    HHHHHH               COUNT(S)
                    HHHHHH
                   HHHHHHHH H
                HHHHHHHHHHHHHHH    HH
            L--------------------------U

              EACH '-' ABOVE =       5.0000
                          L=         0.0
                          U=       129.9999
          CASE NO. OF MIN. VAL. =  232
          CASE NO. OF MAX. VAL. =  140

                                                              Q1=   46.0000000
                             VALUE    VALUE/S.E.              Q3=   61.0000000
          SKEWNESS            0.27         2.26               S-=   42.6348419
          KURTOSIS            2.60        10.98               S+=   65.7846985

                             EACH '.' BELOW =      0.7500

                     S   Q                   Q    S
M                    -   1        MM         M    +                          M
I.............................. ..EE.........O...............................A
N                                 DA         D                               X
                                  IN         E
```

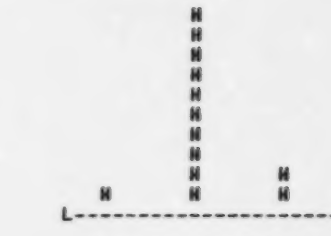
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
13.	1	0.2	0.2	39.	3	0.7	6.1	54.	11	2.6	51.3	69.	4	0.9	93.0
15.	1	0.2	0.5	40.	10	2.3	8.4	55.	13	3.0	54.3	70.	5	1.2	94.2
18.	2	0.5	0.9	41.	6	1.4	9.8	56.	12	2.8	57.1	71.	1	0.2	94.4
21.	1	0.2	1.2	42.	9	2.1	11.9	57.	14	3.3	60.4	72.	5	1.2	95.6
24.	1	0.2	1.4	43.	12	2.8	14.7	58.	12	2.8	63.2	73.	3	0.7	96.3
26.	1	0.2	1.6	44.	13	3.0	17.7	59.	20	4.7	67.8	74.	1	0.2	96.5
28.	1	0.2	1.9	45.	17	4.0	21.7	60.	17	4.0	71.8	76.	2	0.5	97.0
30.	1	0.2	2.1	46.	16	3.7	25.4	61.	21	4.9	76.7	77.	2	0.5	97.4
32.	2	0.5	2.6	47.	9	2.1	27.5	62.	11	2.6	79.3	80.	2	0.5	97.9
33.	2	0.5	3.0	48.	17	4.0	31.5	63.	14	3.3	82.5	81.	3	0.7	98.6
34.	1	0.2	3.3	49.	12	2.8	34.3	64.	14	3.3	85.8	82.	2	0.5	99.1
35.	2	0.5	3.7	50.	16	3.5	37.8	65.	7	1.6	87.4	83.	1	0.2	99.3
36.	1	0.2	4.0	51.	20	4.7	42.4	66.	4	0.9	88.3	84.	1	0.2	99.5
37.	2	0.5	4.4	52.	12	2.8	45.2	67.	10	2.3	90.7	109.	1	0.2	99.8
38.	4	0.9	5.4	53.	15	3.5	48.7	68.	6	1.4	92.1	110.	1	0.2	100.0

****
* SILVER *
****

VARIABLE NUMBER	9	MAXIMUM	2.0000000
NUMBER OF DISTINCT VALUES .	4	MINIMUM	0.5000000
NUMBER OF VALUES COUNTED. .	429	RANGE	1.5000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0773669
		ST.DEV.	0.2781491
		(Q3-Q1)/2	0.0
		MX.ST.SC.	3.37
		MN.ST.SC.	-2.02

LOCATION ESTIMATES

		ST.ERROR
MEAN	1.0617714	0.0134292
MEDIAN	1.0000000	0.0
MODE	1.0000000	



EACH '-' ABOVE = 0.0750
L= 0.3000
U= 2.2500
CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 94

	VALUE	VALUE/S.E.
SKEWNESS	0.94	7.91
KURTOSIS	2.47	10.43

Q1= 1.0000000
Q3= 1.0000000
S-= 0.7836223
S+= 1.3399200

EACH '.' BELOW = 0.0150

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.5000	32	7.5	7.5	1.0000	323	75.3	82.8	1.5000	63	14.7	97.4	2.0000	11	2.6	100.0

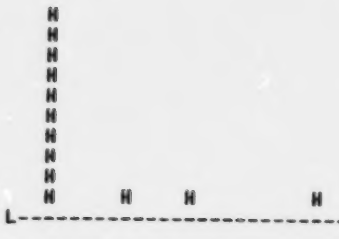
****
* MOLYBDEN *
****

VARIABLE NUMBER	10
NUMBER OF DISTINCT VALUES .	4
NUMBER OF VALUES COUNTED. .	429
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	6.0000000
MINIMUM	2.0000000
RANGE	4.0000000
VARIANCE	0.0942203
ST.DEV.	0.3069533
(Q3-Q1)/2	0.0
MX.ST.SC.	12.90
MN.ST.SC.	-0.13

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0396261	0.0148198
MEDIAN	2.0000000	0.0
MODE	2.0000000	



EACH 'H' REPRESENTS 43 COUNT(S)

EACH '-' ABOVE = 0.2000
L= 1.4000
U= 6.6000

CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 408

	VALUE	VALUE/S.E.
SKEWNESS	8.72	73.73
KURTOSIS	85.09	359.74

Q1= 2.0000000
Q3= 2.0000000
S-= 1.7326727
S+= 2.3465786

EACH '.' BELOW = 0.0500

VALUE	COUNT	PERCENTS CELL	CUM
2.	421	98.1	98.1
3.	1	0.2	98.4
4.	6	1.4	99.8
6.	1	0.2	100.0

PAGE 11 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7721 21 0/6A

```
 ************
 * URANIUM  *                              MAXIMUM        15.5999994
 ************                              MINIMUM         0.5000000
                                           RANGE          15.0999994                 HH
VARIABLE NUMBER . . . . . .        11      VARIANCE        5.1157770                 HH
NUMBER OF DISTINCT VALUES .        56      ST.DEV.         2.2618084                 HH
NUMBER OF VALUES COUNTED. .       146      (Q3-Q1)/2       1.0999994                 HH          EACH 'H'
NUMBER OF VALUES NOT COUNTED      283      MX.ST.SC.       4.99                      HH         REPRESENTS
                                           MN.ST.SC.      -1.69                      HHH            4
                                                                                     HHH         COUNT(S)
LOCATION ESTIMATES                              ST.ERROR                             HHHH H
                  MEAN           4.3218918      0.1871886                           HHHHHHH H
                  MEDIAN         3.5999994      0.1443376                         H HHHHHHHHHH HH  H H
                  MODE          NOT UNIQUE                                       L-------------------------U

                                                                                 EACH '-' ABOVE =       0.7500
                                                                                                 L=     0.0
                                                                                                 U=    19.5000
                                                                             CASE NO. OF MIN. VAL. =  28
                                                                             CASE NO. OF MAX. VAL. =  145

                                                                                                   Q1=    2.8999996
                                                                         VALUE    VALUE/S.E.      Q3=    5.0999994
                                                      SKEWNESS           2.12        10.48        S-=    2.0600834
                                                      KURTOSIS           6.05        14.92        S+=    6.5837002

                                                                           EACH '.' BELOW =       0.1500
                     S   Q           Q         S
         M           -   1   M   M   3         +                                                      M
         I.....................E....E............................................................A
         N                   D   A                                                                X
                             I   N
```

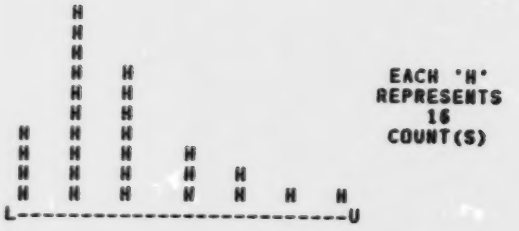
VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.5000	1	0.7	0.7	3.2000	5	3.4	38.4	4.8000	3	2.1	73.3	6.9000	1	0.7	89.7
1.7000	1	0.7	1.4	3.3000	8	5.5	43.8	5.0000	2	1.4	74.7	7.0000	1	0.7	90.4
1.8000	1	0.7	2.1	3.4000	4	2.7	46.5	5.1000	1	0.7	75.3	7.2000	1	0.7	91.1
2.1000	1	0.7	2.7	3.5000	4	2.7	49.3	5.2000	1	0.7	76.0	7.3000	1	0.7	91.8
2.2000	3	2.1	4.8	3.6000	7	4.8	54.1	5.3000	3	2.1	78.1	7.5000	1	0.7	92.5
2.3000	1	0.7	5.5	3.7000	4	2.7	56.8	5.7000	1	0.7	78.8	7.6000	1	0.7	93.2
2.4000	8	5.5	11.0	3.8000	5	3.4	60.3	5.8000	2	1.4	80.1	7.8000	2	1.4	94.5
2.5000	1	0.7	11.6	3.9000	2	1.4	61.6	5.9000	2	1.4	81.5	8.2000	1	0.7	95.2
2.6000	3	2.1	13.7	4.1000	2	1.4	63.0	6.1000	2	1.4	82.9	8.8000	1	0.7	95.9
2.7000	3	2.1	15.8	4.2000	3	2.1	65.1	6.2000	1	0.7	83.6	9.7000	1	0.7	96.6
2.8000	9	6.2	21.9	4.3000	1	0.7	65.8	6.3000	2	1.4	84.9	10.5000	2	1.4	97.9
2.9000	9	6.2	28.1	4.4000	3	2.1	67.8	6.5000	4	2.7	87.7	11.6000	1	0.7	98.6
3.0000	3	2.1	30.1	4.5000	2	1.4	69.2	6.6000	1	0.7	88.4	14.2000	1	0.7	99.3
3.1000	7	4.8	34.9	4.7000	3	2.1	71.2	6.7000	1	0.7	89.0	15.6000	1	0.7	100.0

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	28.0000000
NUMBER OF DISTINCT VALUES .	7	MINIMUM	4.0000000
NUMBER OF VALUES COUNTED. .	404	RANGE	24.0000000
NUMBER OF VALUES NOT COUNTED	28	VARIANCE	29.0599060
		ST.DEV.	5.3907251
		(Q3-Q1)/2	2.0000000
		MX.ST.SC.	3.19
		MN.ST.SC.	-1.27

LOCATION ESTIMATES

		ST.ERROR
MEAN	10.8217821	0.2681986
MEDIAN	8.0000000	1.1547003
MODE	8.0000000	

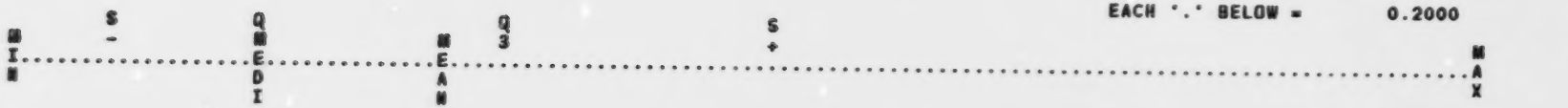


EACH '-' ABOVE = 1.0000
L= 3.0000
U= 29.0000
CASE NO. OF MIN. VAL. = 82
CASE NO. OF MAX. VAL. = 39

	VALUE	VALUE/S.E.
SKEWNESS	0.99	6.15
KURTOSIS	0.79	3.22

Q1= 8.0000000
Q3= 12.0000000
S-= 5.4310570
S+= 16.2124939

EACH '.' BELOW = 0.2000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
4.	64	15.8	15.8	12.	98	24.3	77.5	20.	28	6.9	95.8	28.	7	1.7	100.0
8.	151	37.4	53.2	16.	46	11.4	88.9	24.	10	2.5	98.3				

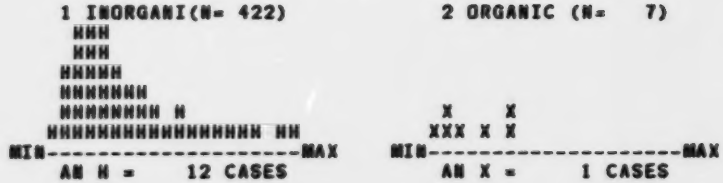
21 O/6A
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.32	0.0566	6.4
T (POOLED)	1.60	0.1107	427
F(FOR VARIANCES)			
LEVENE	0.49	0.4846	1, 427

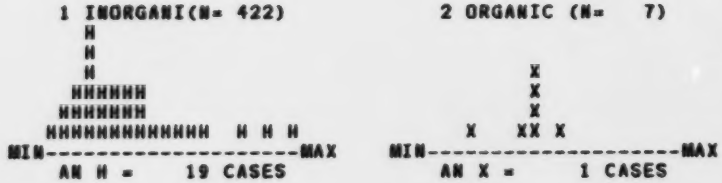
GROUP	1 INORGANI	2 ORGANIC
MEAN	17.1195	12.8571
STD DEV	7.0239	4.7759
S.E.M.	0.3419	1.8051
SAMPLE SIZE	422	7
MAXIMUM	48.0000	19.0000
MINIMUM	6.0000	8.0000



****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.80	0.0292	6.8
T (POOLED)	-2.19	0.0293	427
F(FOR VARIANCES)			
LEVENE	0.96	0.3275	1, 427

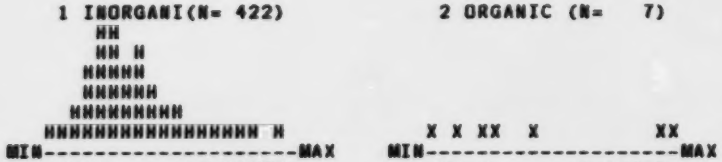
GROUP	1 INORGANI	2 ORGANIC
MEAN	30.1549	38.4285
STD DEV	9.9564	7.6997
S.E.M.	0.4847	2.9102
SAMPLE SIZE	422	7
MAXIMUM	78.0000	48.0000
MINIMUM	13.0000	23.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.75	0.4837	6.0
T (POOLED)	-1.95	0.0522	427
F(FOR VARIANCES)			
LEVENE	81.77	0.0000	1, 427

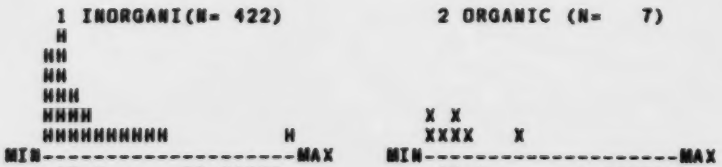
GROUP	1 INORGANI	2 ORGANIC
MEAN	93.2639	113.0000
STD DEV	25.4601	69.9190
S.E.M.	1.2394	26.4269
SAMPLE SIZE	422	7
MAXIMUM	206.0000	216.0000
MINIMUM	38.0000	38.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.80	0.4534	6.1
T (POOLED)	-1.08	0.2799	427
F(FOR VARIANCES)			
LEVENE	0.86	0.3550	1, 427

GROUP	1 INORGANI	2 ORGANIC
MEAN	1206.3025	1569.9995
STD DEV	876.8628	1196.6477
S.E.M.	42.6850	452.2903
SAMPLE SIZE	422	7
MAXIMUM	10000.0000	3900.0000
MINIMUM	220.0000	200.0000

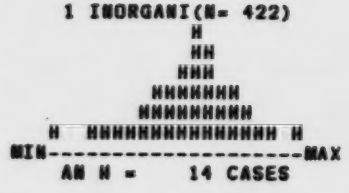


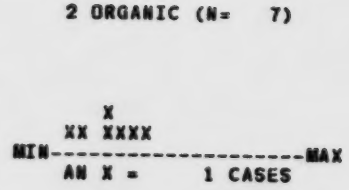
DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	8.42	0.0001	6.3
T (POOLED)	7.14	0.0000	427
F(FOR VARIANCES)			
LEVENE	0.40	0.5298	1, 427

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.6271	1.4471
STD DEV	0.4343	0.3665
S.E.M.	0.0211	0.1385
SAMPLE SIZE	422	7
MAXIMUM	4.0000	2.0000
MINIMUM	0.7300	0.9200

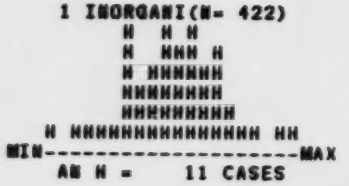


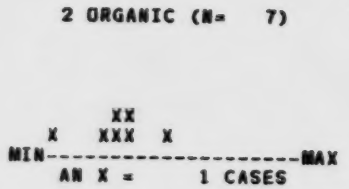


****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	4.35	0.0045	6.2
T (POOLED)	4.71	0.0000	427
F(FOR VARIANCES)			
LEVENE	0.18	0.6676	1, 427

GROUP	1 INORGANI	2 ORGANIC
MEAN	18.6715	13.1429
STD DEV	3.0782	3.3301
S.E.M.	0.1498	1.2617
SAMPLE SIZE	422	7
MAXIMUM	30.0000	18.0000
MINIMUM	8.0000	7.0000

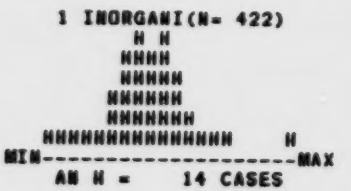


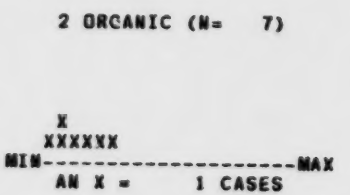


****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	7.77	0.0002	6.2
T (POOLED)	6.99	0.0000	427
F(FOR VARIANCES)			
LEVENE	0.01	0.9035	1, 427

GROUP	1 INORGANI	2 ORGANIC
MEAN	54.6858	25.4286
STD DEV	10.9918	9.8634
S.E.M.	0.5351	3.7280
SAMPLE SIZE	422	7
MAXIMUM	110.0000	39.0000
MINIMUM	15.0000	13.0000

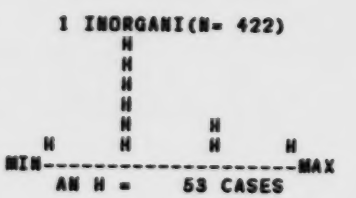


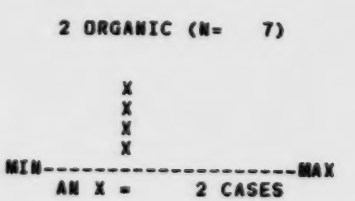


****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	4.60	0.0000	421.0
T (POOLED)	0.59	0.5547	427
F(FOR VARIANCES)			
LEVENE	4.85	0.0282	1, 427

GROUP	1 INORGANI	2 ORGANIC
MEAN	1.0627	1.0000
STD DEV	0.2803	0.0
S.E.M.	0.0136	0.0
SAMPLE SIZE	422	7
MAXIMUM	2.0000	1.0000
MINIMUM	0.5000	1.0000



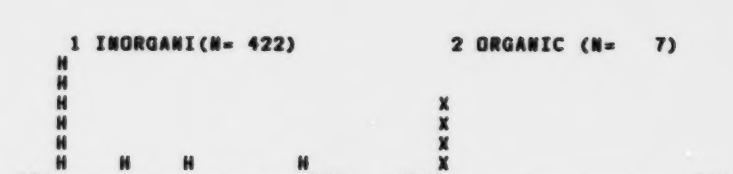


DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.67	0.0079	421.0
T (POOLED)	0.84	0.7816	427
F(FOR VARIANCES)			
LEVENE	0.49	0.4859	1, 427

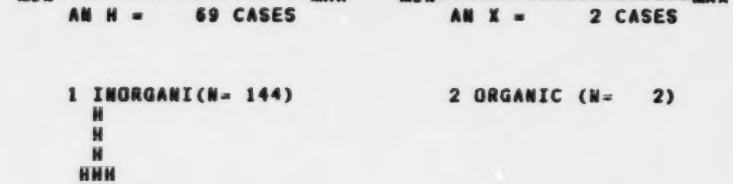
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0402	2.0000
STD DEV	0.3095	0.0
S.E.M.	0.0151	0.0
SAMPLE SIZE	422	7
MAXIMUM	6.0000	2.0000
MINIMUM	2.0000	2.0000



****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.46	0.3800	1.0
T (POOLED)	-2.02	0.0450	144
F(FOR VARIANCES)			
LEVENE	0.31	0.5807	1, 144

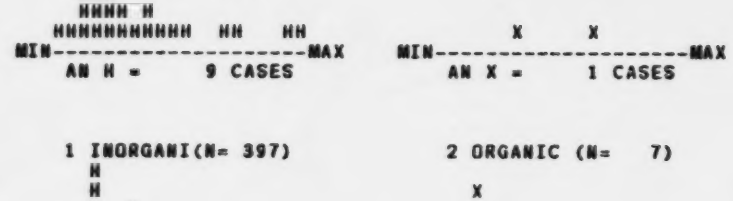
GROUP	1 INORGANI	2 ORGANIC
MEAN	4.2777	7.5000
STD DEV	2.2308	3.1113
S.E.M.	0.1859	2.2000
SAMPLE SIZE	144	2
MAXIMUM	15.6000	9.7000
MINIMUM	0.5000	5.3000



****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	5.13	0.0010	7.7
T (POOLED)	1.97	0.0495	402
F(FOR VARIANCES)			
LEVENE	4.49	0.0346	1, 402

GROUP	1 INORGANI	2 ORGANIC
MEAN	10.8916	6.8571
STD DEV	5.4066	1.9518
S.E.M.	0.2713	0.7377
SAMPLE SIZE	397	7
MAXIMUM	28.0000	8.0000
MINIMUM	4.0000	4.0000



****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	427
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 427

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	422	7
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0

NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.970 SECONDS

21 O/6B

1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7722 21 0/68

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7722001	47.2922	-67.1738	0	0	1	14.0	23.0	69.0	750.0	2.42	16.0	47.0	1.0	2.0		8.0	
82	7722002	47.2963	-67.1775	0	0	1	14.0	16.0	74.0	790.0	2.76	18.0	51.0	1.0	2.0		8.0	
82	7722003	47.3013	-67.1680	0	0	1	13.0	13.0	78.0	770.0	2.81	18.0	56.0	1.0	2.0	3.3	8.0	
82	7722004	47.3042	-67.1602	0	0	1	14.0	19.0	101.0	1200.0	3.09	18.0	51.0	1.0	2.0		8.0	
82	7722005	47.3073	-67.1607	0	0	1	15.0	19.0	96.0	860.0	2.75	15.0	48.0	1.0	2.0		8.0	
82	7722006	47.3095	-67.1595	0	0	1	14.0	16.0	96.0	740.0	2.87	16.0	47.0	1.0	2.0	4.2	8.0	
82	7722007	47.3130	-67.1575	0	0	1	14.0	19.0	107.0	590.0	3.00	17.0	53.0	1.5	2.0		8.0	
82	7722008	47.3150	-67.1570	0	0	1	14.0	19.0	98.0	630.0	2.83	15.0	49.0	1.5	2.0		12.0	
82	7722009	47.3180	-67.1550	0	0	1	12.0	16.0	87.0	740.0	2.39	16.0	47.0	1.0	2.0	3.8	4.0	
82	7722010	47.3200	-67.1532	0	0	1	13.0	16.0	78.0	560.0	2.79	18.0	54.0	1.0	2.0		8.0	
82	7722011	47.3750	-67.1695	0	0	1	19.0	38.0	88.0	2600.0	2.80	21.0	48.0	1.0	2.0	2.3		
82	7722012	47.3738	-67.1610	0	0	1	17.0	25.0	66.0	430.0	2.83	21.0	69.0	1.0	2.0			
82	7722013	47.3712	-67.1740	0	0	1	21.0	28.0	98.0	1100.0	2.73	19.0	72.0	1.0	2.0	1.8		
82	7722014	47.3728	-67.1757	0	0	1	19.0	25.0	91.0	1100.0	2.69	20.0	73.0	1.0	2.0			
82	7722015	47.3750	-67.1762	0	0	1	21.0	28.0	86.0	1400.0	2.90	21.0	74.0	1.0	2.0			
82	7722016	47.3750	-67.1883	0	0	1	19.0	28.0	61.0	1900.0	1.44	13.0	34.0	1.0	2.0			
82	7722017	47.3735	-67.1850	0	0	1	27.0	40.0	94.0	3200.0	2.76	23.0	61.0	1.0	2.0			
82	7722018	47.3722	-67.1850	0	0	1	22.0	35.0	81.0	2400.0	2.15	18.0	49.0	1.0	2.0	3.2		
82	7722019	47.3703	-67.1830	0	0	1	25.0	50.0	100.0	2400.0	2.42	21.0	58.0	1.0	2.0			
82	7722020	47.3690	-67.1812	0	0	1	24.0	31.0	86.0	2000.0	2.48	19.0	60.0	1.0	2.0			
82	7722021	47.3682	-67.1784	0	0	1	26.0	35.0	108.0	2100.0	2.58	19.0	65.0	1.0	2.0	2.5		
82	7722022	47.3692	-67.1755	0	0	1	23.0	35.0	97.0	1700.0	2.61	20.0	67.0	1.0	2.0			
82	7722023	47.3675	-67.1668	0	0	1	15.0	22.0	59.0	430.0	2.41	17.0	58.0	.5	2.0			
82	7722024	47.3654	-67.1670	0	0	1	17.0	25.0	67.0	460.0	2.75	19.0	66.0	.5	2.0	2.2		
82	7722025	47.3634	-67.1658	0	0	1	17.0	25.0	66.0	660.0	2.81	20.0	67.0	.5	2.0			
82	7722026	47.3413	-67.1274	0	0	1	11.0	35.0	89.0	930.0	2.90	19.0	60.0	.5	2.0			
82	7722027	47.3388	-67.1270	0	0	1	9.0	35.0	80.0	590.0	2.50	18.0	56.0	.5	2.0			
82	7722028	47.3715	-67.2115	0	0	1	15.0	25.0	69.0	700.0	2.75	19.0	76.0	1.0	2.0			
82	7722029	47.3700	-67.2080	0	0	1	17.0	25.0	69.0	910.0	2.69	20.0	77.0	1.0	2.0	2.0		
82	7722030	47.3677	-67.2060	0	0	1	16.0	22.0	77.0	670.0	2.86	20.0	81.0	1.0	2.0			
82	7722031	47.3664	-67.2045	0	0	1	15.0	22.0	64.0	650.0	2.33	17.0	65.0	1.0	2.0			
82	7722032	47.3652	-67.2025	0	0	1	15.0	31.0	63.0	740.0	2.39	17.0	66.0	.5	2.0	2.0		
82	7722033	47.3635	-67.2002	0	0	1	14.0	22.0	63.0	590.0	2.50	17.0	70.0	1.0	2.0			
82	7722034	47.3618	-67.1988	0	0	1	15.0	28.0	67.0	720.0	2.72	18.0	74.0	1.0	2.0			
82	7722035	47.3604	-67.1970	0	0	1	14.0	22.0	61.0	520.0	2.25	18.0	69.0	1.0	2.0	2.0		
82	7722036	47.3587	-67.1953	0	0	1	15.0	25.0	67.0	690.0	2.60	18.0	74.0	1.0	2.0			
82	7722037	47.3294	-67.1888	0	0	1	10.0	16.0	80.0	310.0	2.94	20.0	85.0	1.0	2.0			
82	7722038	47.3295	-67.1915	0	0	1	9.0	19.0	70.0	300.0	2.56	18.0	73.0	1.0	2.0	1.8		
82	7722039	47.3293	-67.1948	0	0	1	9.0	16.0	75.0	280.0	2.75	18.0	79.0	1.0	2.0			
82	7722040	47.3268	-67.1965	0	0	1	8.0	16.0	67.0	250.0	2.33	16.0	65.0	1.0	2.0			
82	7722041	47.3249	-67.1894	0	0	1	10.0	19.0	83.0	310.0	3.00	21.0	85.0	1.0	2.0	2.2		
82	7722042	47.3234	-67.2018	0	0	1	8.0	16.0	69.0	290.0	2.44	17.0	72.0	1.0	2.0			
82	7722043	47.3226	-67.2050	0	0	1	10.0	19.0	80.0	340.0	3.00	20.0	86.0	1.0	2.0	2.1		
82	7722044	47.3220	-67.2080	0	0	1	11.0	19.0	84.0	350.0	3.31	23.0	95.0	1.0	2.0	1.5		
82	7722045	47.3207	-67.2115	0	0	1	12.0	22.0	86.0	490.0	3.01	21.0	86.0	1.0	2.0			
82	7722046	47.3197	-67.2110	0	0	1	11.0	22.0	94.0	410.0	3.36	24.0	99.0	1.0	2.0			
82	7722047	47.3227	-67.2090	0	0	1	13.0	22.0	81.0	550.0	3.04	21.0	83.0	1.0	2.0	2.3		
82	7722048	47.3175	-67.2128	0	0	1	10.0	19.0	84.0	400.0	3.13	22.0	89.0	1.0	2.0			
82	7722049	47.3147	-67.2122	0	0	1	13.0	22.0	83.0	760.0	2.96	22.0	78.0	1.0	2.0			
82	7722050	47.3143	-67.2097	0	0	1	14.0	22.0	88.0	620.0	3.00	23.0	91.0	1.0	2.0	2.1		

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7722 21 D/6B

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7722081	47.3132	-67.2064	0	0	1	15.0	22.0	72.0	160.0	1.75	16.0	60.0	1.0	2.0			
82	7722082	47.3141	-67.2150	0	0	1	10.0	16.0	69.0	300.0	2.36	16.0	70.0	1.0	2.0			
82	7722083	47.3113	-67.2163	0	0	1	11.0	22.0	92.0	380.0	3.30	23.0	93.0	1.0	2.0	1.3		
82	7722084	47.3105	-67.2107	0	0	1	12.0	19.0	84.0	530.0	3.01	21.0	82.0	1.0	2.0			
82	7722085	47.3090	-67.2212	0	0	1	12.0	16.0	65.0	420.0	2.41	18.0	70.0	.5	2.0			
82	7722086	47.3100	-67.2228	0	0	1	10.0	22.0	75.0	270.0	2.45	18.0	79.0	1.0	2.0	2.1		
82	7722087	47.3073	-67.2238	0	0	1	9.0	16.0	61.0	290.0	2.27	16.0	67.0	1.0	2.0			
82	7722088	47.3064	-67.2298	0	0	1	13.0	28.0	83.0	1100.0	2.22	18.0	60.0	.5	2.0			
82	7722089	47.3083	-67.2320	0	0	1	13.0	31.0	88.0	230.0	3.15	21.0	102.0	1.0	2.0	2.6		
82	7722060	47.3114	-67.2382	0	0	1	15.0	22.0	64.0	170.0	1.52	10.0	45.0	1.0	2.0			
82	7722061	47.3304	-67.2303	0	0	1	22.0	43.0	72.0	1100.0	2.76	21.0	76.0	1.0	2.0			
82	7722062	47.3327	-67.2325	0	0	1	16.0	28.0	78.0	1700.0	2.19	18.0	60.0	1.0	2.0	2.6		
82	7722063	47.3412	-67.2280	0	0	1	13.0	19.0	81.0	1200.0	3.00	20.0	65.0	1.0	2.0			
82	7722064	47.3404	-67.2268	0	0	1	13.0	25.0	78.0	1300.0	2.75	18.0	61.0	1.0	2.0			
82	7722065	47.3387	-67.2254	0	0	1	9.0	19.0	69.0	540.0	2.32	16.0	60.0	1.0	2.0	1.6		
82	7722066	47.3375	-67.2227	0	0	1	10.0	22.0	80.0	1100.0	2.16	16.0	55.0	1.0	2.0			
82	7722067	47.3362	-67.2200	0	0	1	12.0	25.0	98.0	1800.0	2.71	20.0	65.0	1.0	2.0			
82	7722068	47.3342	-67.2180	0	0	1	12.0	25.0	90.0	1500.0	2.42	17.0	55.0	1.0	2.0	2.3		
82	7722069	47.3324	-67.2164	0	0	1	19.0	28.0	77.0	1600.0	2.69	19.0	65.0	1.0	2.0			
82	7722070	47.3307	-67.2126	0	0	1	17.0	31.0	102.0	1900.0	3.03	20.0	73.0	1.0	2.0			
82	7722071	47.3314	-67.2090	0	0	1	14.0	25.0	106.0	2100.0	2.75	19.0	66.0	1.0	2.0	1.3		
82	7722072	47.3307	-67.2055	0	0	1	14.0	25.0	105.0	1500.0	2.68	18.0	63.0	1.0	2.0			
82	7722073	47.3310	-67.2022	0	0	1	13.0	25.0	100.0	1300.0	2.66	18.0	65.0	1.0	2.0			
82	7722074	47.3315	-67.1982	0	0	1	12.0	25.0	103.0	1200.0	2.72	19.0	68.0	1.0	2.0			
82	7722075	47.3307	-67.2165	0	0	1	19.0	28.0	92.0	1700.0	2.42	18.0	60.0	1.0	2.0			
82	7722076	47.3300	-67.2195	0	0	1	22.0	25.0	88.0	2200.0	2.56	18.0	60.0	1.0	2.0	1.6		
82	7722077	47.3285	-67.2230	0	0	1	22.0	28.0	92.0	2500.0	2.35	18.0	60.0	1.0	2.0			
82	7722078	47.3280	-67.2270	0	0	1	22.0	28.0	98.0	3600.0	2.53	19.0	66.0	1.0	2.0			
82	7722079	47.3320	-67.1943	0	0	1	18.0	25.0	70.0	1100.0	2.76	18.0	64.0	1.0	2.0	1.8		
82	7722080	47.3325	-67.1904	0	0	1	14.0	22.0	78.0	720.0	2.15	15.0	55.0	1.0	2.0			
82	7722081	47.3317	-67.1882	0	0	1	14.0	22.0	75.0	770.0	2.62	19.0	67.0	1.0	2.0			
82	7722082	47.2783	-67.2028	0	0	1	17.0	26.0	115.0	1100.0	2.70	18.0	58.0	1.0	2.0			
82	7722083	47.2777	-67.2010	0	0	1	23.0	26.0	106.0	1000.0	3.26	22.0	66.0	1.0	2.0			
82	7722084	47.2754	-67.2025	0	0	1	23.0	30.0	112.0	1000.0	2.98	21.0	65.0	1.0	2.0			
82	7722085	47.2742	-67.2010	0	0	1	17.0	26.0	59.0	450.0	2.63	16.0	44.0	1.0	2.0	3.0		
82	7722086	47.2731	-67.2025	0	0	1	19.0	26.0	89.0	700.0	2.89	20.0	57.0	1.0	2.0			
82	7722087	47.2722	-67.2008	0	0	1	18.0	26.0	76.0	600.0	2.91	19.0	50.0	1.0	2.0			
82	7722088	47.2695	-67.2037	0	0	1	17.0	26.0	80.0	580.0	2.88	19.0	54.0	1.0	2.0	3.3		
82	7722089	47.2677	-67.2050	0	0	1	17.0	30.0	91.0	610.0	3.19	22.0	60.0	1.0	2.0			
82	7722090	47.2660	-67.2075	0	0	1	17.0	33.0	85.0	640.0	3.00	20.0	55.0	1.0	2.0			
82	7722091	47.2685	-67.2098	0	0	1	17.0	26.0	80.0	520.0	2.73	19.0	53.0	1.0	2.0	3.0		
82	7722092	47.2670	-67.2098	0	0	1	15.0	26.0	87.0	760.0	2.77	19.0	55.0	1.0	2.0			
82	7722093	47.2695	-67.2105	0	0	1	17.0	26.0	80.0	650.0	2.66	18.0	54.0	1.0	2.0			
82	7722094	47.2717	-67.2113	0	0	1	15.0	26.0	78.0	710.0	2.41	16.0	48.0	1.0	2.0	2.3		
82	7722095	47.2755	-67.2113	0	0	1	17.0	22.0	86.0	950.0	2.62	18.0	52.0	1.0	2.0			
82	7722096	47.2788	-67.2120	0	0	1	15.0	26.0	68.0	1300.0	2.20	15.0	41.0	1.0	2.0			
82	7722097	47.2807	-67.2122	0	0	1	14.0	26.0	75.0	1300.0	2.05	14.0	38.0	1.0	2.0	3.1		
82	7722098	47.2830	-67.2128	0	0	1	14.0	26.0	72.0	1100.0	2.12	13.0	41.0	1.0	2.0			
82	7722099	47.2823	-67.2150	0	0	1	15.0	30.0	98.0	1900.0	2.22	15.0	39.0	1.0	2.0			
82	7722100	47.2820	-67.2176	0	0	1	24.0	37.0	176.0	4700.0	2.15	15.0	45.0	1.0	2.0	5.2		

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MAP SHEET 7722 21 0/68

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7722101	47.2840	-67.2170	0	0	1	11.0	26.0	64.0	740.0	2.02	12.0	36.0	1.0	2.0			
82	7722102	47.2853	-67.2134	0	0	1	14.0	26.0	65.0	1000.0	2.25	15.0	39.0	1.0	2.0			
82	7722103	47.2872	-67.2140	0	0	1	13.0	26.0	72.0	730.0	1.87	12.0	35.0	1.0	2.0	3.5		
82	7722104	47.2895	-67.2142	0	0	1	12.0	22.0	75.0	800.0	1.95	12.0	37.0	1.0	2.0			
82	7722105	47.2919	-67.2156	0	0	1	15.0	26.0	84.0	490.0	2.32	17.0	48.0	1.0	2.0			
82	7722106	47.2724	-67.2210	0	0	1	12.0	14.0	100.0	1200.0	1.62	6.0	35.0	1.0	2.0			
82	7722107	47.2704	-67.2188	0	0	1	18.0	22.0	114.0	1600.0	1.87	8.0	32.0	1.0	2.0			
82	7722108	47.2677	-67.2170	0	0	1	25.0	22.0	108.0	920.0	2.83	14.0	55.0	1.0	2.0	3.2		
82	7722109	47.2655	-67.2160	0	0	1	20.0	22.0	128.0	1200.0	2.75	14.0	53.0	1.0	2.0			
82	7722110	47.2620	-67.2082	0	0	1	27.0	27.0	89.0	4000.0	2.85	14.0	56.0	1.0	2.0			
82	7722111	47.2612	-67.2080	0	0	1	20.0	22.0	64.0	820.0	2.45	13.0	45.0	1.0	2.0	5.0		
82	7722112	47.2608	-67.2055	0	0	1	18.0	22.0	82.0	3600.0	2.29	17.0	55.0	1.0	2.0			
82	7722113	47.2605	-67.2015	0	0	1	19.0	27.0	64.0	4000.0	2.51	17.0	56.0	1.0	2.0			
82	7722114	47.2600	-67.1974	0	0	1	20.0	22.0	79.0	5000.0	2.09	17.0	53.0	1.0	2.0	3.6		
82	7722115	47.2582	-67.1970	0	0	1	21.0	27.0	81.0	3200.0	2.72	18.0	66.0	1.0	2.0			
82	7722116	47.2570	-67.2005	0	0	1	25.0	27.0	61.0	1500.0	2.29	14.0	40.0	1.0	2.0			
82	7722117	47.2548	-67.2050	0	0	1	22.0	22.0	74.0	1700.0	2.26	14.0	40.0	1.0	2.0	11.0		
82	7722118	47.2554	-67.2120	0	0	1	27.0	27.0	73.0	1900.0	2.85	18.0	48.0	1.0	2.0			
82	7722119	47.2645	-67.2220	0	0	1	22.0	22.0	87.0	4600.0	2.96	19.0	61.0	1.0	2.0	3.0		
82	7722120	47.2662	-67.2200	0	0	1	20.0	27.0	116.0	930.0	3.05	17.0	57.0	1.0	2.0			
82	7722121	47.2680	-67.2220	0	0	1	19.0	27.0	106.0	1100.0	2.36	14.0	44.0	1.0	2.0			
82	7722122	47.2700	-67.2238	0	0	1	15.0	22.0	107.0	1300.0	1.91	11.0	35.0	1.0	2.0	3.5		
82	7722123	47.2616	-67.1806	0	0	1	15.0	27.0	75.0	860.0	2.86	20.0	56.0	1.0	2.0		12.0	
82	7722124	47.2650	-67.1592	0	0	1	14.0	24.0	77.0	650.0	3.00	21.0	58.0	1.0	2.0	2.2	12.0	
82	7722125	47.2680	-67.1558	0	0	1	20.0	31.0	77.0	650.0	3.20	21.0	57.0	1.0	2.0		12.0	
82	7722126	47.2684	-67.1530	0	0	1	16.0	27.0	82.0	690.0	3.25	23.0	60.0	1.0	2.0		8.0	
82	7722127	47.2690	-67.1496	0	0	1	16.0	24.0	77.0	480.0	2.71	19.0	53.0	1.0	2.0	3.8	12.0	
82	7722128	47.2687	-67.1445	0	0	1	16.0	27.0	89.0	960.0	3.17	16.0	60.0	1.0	2.0		12.0	
82	7722129	47.2695	-67.1460	0	0	1	13.0	24.0	82.0	530.0	3.08	21.0	54.0	1.0	2.0		12.0	
82	7722130	47.2707	-67.1425	0	0	1	22.0	34.0	89.0	900.0	2.80	19.0	53.0	1.0	2.0	4.5	12.0	
82	7722131	47.2722	-67.1427	0	0	1	16.0	31.0	86.0	960.0	3.01	21.0	56.0	1.0	2.0		8.0	
82	7722132	47.2720	-67.1389	0	0	1	32.0	34.0	87.0	1900.0	3.09	19.0	56.0	1.5	2.0		12.0	
82	7722133	47.2755	-67.1379	0	0	1	29.0	34.0	87.0	1400.0	3.08	19.0	56.0	1.5	2.0	5.5	12.0	
82	7722134	47.2780	-67.1450	0	0	1	16.0	27.0	89.0	770.0	2.75	19.0	58.0	1.5	2.0		8.0	
82	7722135	47.2762	-67.1476	0	0	1	18.0	31.0	91.0	1300.0	3.02	21.0	61.0	1.0	2.0		12.0	
82	7722136	47.2733	-67.1500	0	0	1	15.0	27.0	84.0	860.0	2.86	19.0	59.0	1.0	2.0	3.0	12.0	
82	7722137	47.2714	-67.1518	0	0	1	14.0	24.0	84.0	730.0	2.88	19.0	57.0	1.0	2.0		8.0	
82	7722138	47.2640	-67.1565	0	0	1	28.0	31.0	73.0	690.0	2.67	16.0	56.0	1.5	2.0	4.3	8.0	
82	7722139	47.2768	-67.1667	0	0	1	14.0	27.0	73.0	910.0	2.61	18.0	51.0	1.0	2.0		8.0	
82	7722140	47.2780	-67.1657	0	0	1	14.0	31.0	79.0	1300.0	2.84	19.0	56.0	1.0	2.0		12.0	
82	7722141	47.2793	-67.1620	0	0	1	13.0	24.0	80.0	700.0	2.85	20.0	59.0	1.0	2.0		8.0	
82	7722142	47.2788	-67.1574	0	0	1	16.0	24.0	79.0	1300.0	2.72	19.0	53.0	1.0	2.0	3.1	8.0	
82	7722143	47.2798	-67.1518	0	0	1	19.0	24.0	68.0	1000.0	2.79	19.0	56.0	1.0	2.0		8.0	
82	7722144	47.2805	-67.1532	0	0	1	17.0	24.0	82.0	770.0	3.10	21.0	62.0	1.0	2.0		4.0	
82	7722145	47.2834	-67.1500	0	0	1	15.0	20.0	77.0	860.0	2.97	20.0	60.0	1.0	2.0		8.0	
82	7722146	47.2853	-67.1460	0	0	1	15.0	24.0	80.0	740.0	2.77	19.0	53.0	1.0	2.0		12.0	
82	7722147	47.2885	-67.1433	0	0	1	16.0	27.0	82.0	1600.0	3.05	18.0	52.0	1.0	2.0		8.0	
82	7722148	47.2887	-67.1452	0	0	1	15.0	24.0	93.0	840.0	3.12	21.0	60.0	1.0	2.0		12.0	
82	7722149	47.2940	-67.1627	0	0	1	20.0	27.0	80.0	1200.0	2.93	21.0	59.0	1.5	2.0	3.5	12.0	
82	7722150	47.2927	-67.1642	0	0	1	16.0	23.0	82.0	710.0	3.15	24.0	62.0	1.5	2.0		8.0	

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MAP SHEET 7722 21 0/68

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7722151	47.2910	-67.1662	0	0	1	15.0	23.0	79.0	700.0	2.83	21.0	56.0	1.5	2.0		8.0	
82	7722152	47.2890	-67.1671	0	0	1	15.0	27.0	77.0	680.0	2.67	19.0	52.0	1.5	2.0	3.0	8.0	
82	7722153	47.3108	-67.1710	0	0	1	20.0	41.0	103.0	850.0	3.00	21.0	56.0	1.0	2.0	2.7	8.0	
82	7722154	47.3083	-67.1742	0	0	1	14.0	34.0	100.0	440.0	2.47	17.0	56.0	1.0	2.0		8.0	
82	7722155	47.3264	-67.1650	0	0	1	19.0	27.0	75.0	2000.0	3.02	18.0	39.0	1.0	2.0		12.0	
82	7722156	47.3277	-67.1625	0	0	1	15.0	23.0	98.0	1600.0	3.29	21.0	52.0	1.0	2.0		12.0	
82	7722157	47.3293	-67.1575	0	0	1	10.0	23.0	80.0	750.0	2.34	14.0	34.0	1.0	2.0	4.6	8.0	
82	7722158	47.3296	-67.1598	0	0	1	11.0	20.0	103.0	870.0	2.88	19.0	50.0	1.0	2.0		12.0	
82	7722159	47.3320	-67.1570	0	0	1	10.0	20.0	82.0	890.0	2.13	14.0	35.0	.5	2.0		8.0	
82	7722160	47.3347	-67.1565	0	0	1	11.0	20.0	101.0	820.0	2.75	18.0	48.0	1.0	2.0	2.5	8.0	
82	7722161	47.3275	-67.1685	0	0	1	13.0	23.0	91.0	1500.0	3.06	20.0	48.0	1.0	2.0		12.0	
82	7722162	47.3270	-67.1730	0	0	1	13.0	20.0	84.0	1200.0	2.73	18.0	44.0	1.0	2.0		16.0	
82	7722163	47.3264	-67.1777	0	0	1	15.0	27.0	80.0	1100.0	2.85	18.0	44.0	1.0	2.0	3.7	16.0	
82	7722164	47.3245	-67.1802	0	0	1	15.0	30.0	84.0	890.0	2.75	18.0	45.0	1.0	2.0		12.0	
82	7722165	47.3207	-67.1820	0	0	1	16.0	27.0	96.0	980.0	3.18	20.0	52.0	1.0	2.0		12.0	
82	7722166	47.3390	-67.1770	0	0	1	18.0	20.0	72.0	710.0	2.78	20.0	69.0	1.0	2.0		12.0	
82	7722167	47.3372	-67.1770	0	0	1	20.0	23.0	75.0	550.0	3.00	21.0	75.0	1.0	2.0		12.0	
82	7722168	47.3360	-67.1765	0	0	1	16.0	23.0	66.0	290.0	2.61	19.0	69.0	1.0	2.0	3.0	8.0	
82	7722169	47.3368	-67.1815	0	0	1	18.0	20.0	72.0	420.0	2.92	20.0	73.0	1.0	2.0		8.0	
82	7722170	47.3345	-67.1835	0	0	1	19.0	23.0	77.0	530.0	3.22	23.0	81.0	1.0	2.0		8.0	
82	7722171	47.3334	-67.1822	0	0	1	19.0	20.0	75.0	590.0	3.08	23.0	77.0	1.0	2.0	2.1	4.0	
82	7722172	47.3323	-67.1850	0	0	1	19.0	23.0	68.0	520.0	2.93	21.0	72.0	1.0	2.0		8.0	
82	7722173	47.3310	-67.1858	0	0	1	17.0	23.0	68.0	460.0	2.88	20.0	71.0	1.0	2.0		4.0	
82	7722174	47.3285	-67.1870	0	0	1	17.0	17.0	70.0	440.0	2.78	19.0	70.0	1.0	2.0		4.0	
82	7722175	47.3268	-67.1893	0	0	1	18.0	17.0	66.0	480.0	2.78	19.0	69.0	1.0	2.0	2.0	8.0	
82	7722176	47.3242	-67.1900	0	0	1	19.0	20.0	72.0	530.0	2.88	20.0	72.0	1.0	2.0		8.0	
82	7722177	47.3218	-67.1887	0	0	1	19.0	17.0	72.0	480.0	3.03	22.0	74.0	1.0	2.0		8.0	
82	7722178	47.3216	-67.1855	0	0	1	18.0	26.0	69.0	500.0	2.93	21.0	75.0	1.0	2.0	1.8	4.0	
82	7722179	47.3170	-67.1821	0	0	1	18.0	26.0	69.0	530.0	2.85	21.0	69.0	1.0	2.0		8.0	
82	7722180	47.3148	-67.1798	0	0	1	20.0	29.0	74.0	620.0	3.04	22.0	76.0	1.0	2.0		8.0	
82	7722181	47.3127	-67.1792	0	0	1	16.0	23.0	62.0	450.0	2.60	18.0	64.0	1.0	2.0	2.1	8.0	
82	7722182	47.3118	-67.1772	0	0	1	15.0	23.0	62.0	290.0	2.42	18.0	63.0	1.0	2.0		4.0	
82	7722183	47.3095	-67.1788	0	0	1	17.0	23.0	66.0	500.0	2.60	19.0	63.0	1.0	2.0		8.0	
82	7722184	47.3067	-67.1780	0	0	1	18.0	26.0	67.0	450.0	2.87	20.0	69.0	1.0	2.0	1.6	8.0	
82	7722185	47.3060	-67.1827	0	0	1	16.0	23.0	62.0	370.0	2.65	19.0	64.0	1.0	2.0		8.0	
82	7722186	47.3048	-67.1860	0	0	1	16.0	23.0	66.0	480.0	2.82	20.0	69.0	1.0	2.0		8.0	
82	7722187	47.3027	-67.1895	0	0	1	15.0	23.0	67.0	460.0	2.81	19.0	71.0	1.0	2.0	2.2	8.0	
82	7722188	47.3022	-67.1927	0	0	1	19.0	30.0	100.0	1600.0	2.39	16.0	60.0	1.0	2.0		8.0	
82	7722189	47.3000	-67.1915	0	0	1	18.0	27.0	71.0	560.0	2.89	19.0	69.0	1.0	2.0		4.0	
82	7722190	47.2970	-67.1897	0	0	1	17.0	23.0	66.0	470.0	2.75	18.0	66.0	1.0	2.0	1.8	12.0	
82	7722191	47.2957	-67.1902	0	0	1	18.0	27.0	79.0	870.0	2.42	16.0	48.0	1.0	2.0		12.0	
82	7716192	47.2938	-67.1932	0	0	1	16.0	27.0	91.0	770.0	2.57	18.0	51.0	1.0	2.0		8.0	
82	7722193	47.2956	-67.1870	0	0	1	14.0	23.0	64.0	360.0	2.69	18.0	65.0	1.0	2.0	2.5	12.0	
82	7722194	47.2940	-67.1838	0	0	1	17.0	23.0	67.0	460.0	2.88	19.0	69.0	1.0	2.0		4.0	
82	7722195	47.2920	-67.1973	0	0	1	15.0	30.0	114.0	1000.0	2.52	19.0	52.0	1.0	2.0		8.0	
82	7722196	47.2906	-67.1993	0	0	1	14.0	30.0	115.0	1400.0	2.67	20.0	52.0	1.0	2.0	3.5	4.0	
82	7722197	47.2900	-67.2020	0	0	1	17.0	30.0	88.0	1100.0	2.53	17.0	49.0	1.0	2.0		8.0	
82	7722198	47.2915	-67.2043	0	0	1	16.0	30.0	116.0	1600.0	2.66	18.0	52.0	1.0	2.0		12.0	
82	7722199	47.2887	-67.2020	0	0	1	13.0	30.0	121.0	1400.0	2.55	21.0	52.0	1.0	2.0	2.8	12.0	
82	7722200	47.2925	-67.1808	0	0	1	17.0	19.0	67.0	470.0	2.79	20.0	70.0	1.0	2.0		8.0	

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MAP SHEET 7722 21 0/68

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7722201	47.2910	-67.1814	0	0	1	18.0	27.0	79.0	850.0	3.02	21.0	58.0	1.0	2.0		12.0	
82	7722202	47.2902	-67.1852	0	0	1	16.0	27.0	72.0	880.0	2.89	20.0	56.0	1.0	2.0		8.0	
82	7722203	47.2885	-67.1878	0	0	1	17.0	27.0	81.0	820.0	3.14	22.0	61.0	1.0	2.0	2.5	8.0	
82	7722204	47.2880	-67.1921	0	0	1	18.0	27.0	84.0	800.0	3.19	23.0	63.0	1.5	2.0		8.0	
82	7722205	47.2865	-67.1954	0	0	1	18.0	30.0	84.0	900.0	3.39	24.0	66.0	1.5	2.0		12.0	
82	7722206	47.2842	-67.1775	0	0	1	16.0	23.0	69.0	500.0	2.70	19.0	57.0	1.0	2.0		8.0	
82	7722207	47.2825	-67.1758	0	0	1	16.0	27.0	67.0	450.0	2.75	19.0	68.0	1.0	2.0		8.0	
82	7722208	47.2805	-67.1743	0	0	1	18.0	27.0	71.0	430.0	3.00	21.0	74.0	1.0	2.0	2.2	4.0	
82	7722209	47.2787	-67.1750	0	0	1	21.0	27.0	71.0	640.0	2.82	17.0	55.0	1.0	2.0		12.0	
82	7722210	47.2780	-67.1777	0	0	1	18.0	27.0	98.0	710.0	3.07	21.0	60.0	1.0	2.0		12.0	
82	7722211	47.2786	-67.1830	0	0	1	24.0	27.0	102.0	980.0	3.11	21.0	64.0	1.5	2.0	4.5	12.0	
82	7722212	47.2785	-67.1857	0	0	1	29.0	33.0	109.0	1500.0	3.34	22.0	72.0	1.5	2.0		12.0	
82	7722213	47.2760	-67.1840	0	0	1	30.0	40.0	90.0	1600.0	2.67	17.0	52.0	1.0	2.0		12.0	
82	7722214	47.2775	-67.1805	0	0	1	35.0	33.0	97.0	1700.0	2.86	17.0	50.0	1.5	2.0	10.7	12.0	
82	7722215	47.2785	-67.1720	0	0	1	16.0	23.0	64.0	350.0	2.52	17.0	60.0	1.0	2.0		8.0	
82	7722216	47.2764	-67.1685	0	0	1	15.0	23.0	59.0	340.0	2.66	17.0	62.0	1.0	2.0		8.0	
82	7722217	47.2730	-67.1670	0	0	1	16.0	26.0	67.0	430.0	2.92	19.0	69.0	1.0	2.0	1.8	8.0	
82	7722218	47.2708	-67.1703	0	0	1	13.0	23.0	57.0	390.0	2.43	16.0	56.0	1.0	2.0		4.0	
82	7722219	47.2692	-67.1737	0	0	1	22.0	30.0	76.0	840.0	2.55	16.0	45.0	1.5	2.0		8.0	
82	7722220	47.2695	-67.1770	0	0	1	25.0	33.0	95.0	950.0	2.61	17.0	49.0	1.5	2.0	7.6	12.0	
82	7722221	47.2685	-67.1804	0	0	1	35.0	33.0	107.0	1900.0	2.89	20.0	62.0	1.5	2.0		12.0	
82	7722222	47.2672	-67.1832	0	0	1	43.0	36.0	121.0	2500.0	2.75	20.0	52.0	1.5	2.0		12.0	
82	7722223	47.2667	-67.1720	0	0	1	16.0	26.0	69.0	500.0	2.82	19.0	67.0	1.0	2.0	2.1	8.0	
82	7722224	47.2638	-67.1708	0	0	1	17.0	26.0	71.0	480.0	2.93	21.0	73.0	1.0	2.0		4.0	
82	7722225	47.2632	-67.1662	0	0	1	12.0	20.0	59.0	370.0	2.46	17.0	60.0	1.0	2.0		8.0	
82	7722226	47.2600	-67.1648	0	0	1	15.0	23.0	62.0	400.0	2.43	17.0	60.0	1.0	2.0	1.8	12.0	
82	7722227	47.2570	-67.1645	0	0	1	17.0	26.0	68.0	470.0	2.85	21.0	70.0	1.0	2.0		8.0	
82	7722228	47.2556	-67.1680	0	0	1	15.0	23.0	60.0	440.0	2.53	17.0	61.0	1.0	2.0		12.0	
82	7722229	47.2547	-67.1656	0	0	1	17.0	26.0	63.0	550.0	2.50	17.0	58.0	1.0	2.0	2.3	8.0	
82	7722230	47.2513	-67.1665	0	0	1	15.0	23.0	63.0	310.0	2.71	18.0	65.0	1.0	2.0		12.0	
82	7722231	47.2552	-67.1367	0	0	1	14.0	23.0	68.0	970.0	2.41	19.0	51.0	1.0	2.0	7.7	8.0	
82	7722232	47.2535	-67.1384	0	0	1	15.0	23.0	73.0	750.0	2.62	19.0	55.0	1.0	2.0		8.0	
82	7722233	47.2510	-67.1415	0	0	1	16.0	23.0	71.0	650.0	2.75	19.0	56.0	1.0	2.0		8.0	
82	7722234	47.2852	-67.1270	0	0	1	32.0	40.0	132.0	3300.0	2.81	20.0	53.0	1.5	2.0		20.0	
82	7722235	47.2850	-67.1304	0	0	1	25.0	36.0	118.0	2600.0	2.53	18.0	47.0	1.0	2.0		20.0	
82	7722236	47.2910	-67.1270	0	0	1	15.0	26.0	88.0	550.0	2.59	20.0	53.0	1.0	2.0		8.0	
82	7722237	47.2920	-67.1295	0	0	1	14.0	30.0	81.0	520.0	2.85	21.0	56.0	1.0	2.0		8.0	
82	7722238	47.2940	-67.1313	0	0	1	13.0	26.0	83.0	440.0	2.68	20.0	54.0	1.0	2.0	3.6	8.0	
82	7722239	47.2952	-67.1350	0	0	1	26.0	30.0	79.0	1000.0	2.93	18.0	46.0	1.5	2.0		12.0	
82	7722240	47.2968	-67.1350	0	0	1	13.0	26.0	88.0	540.0	2.86	21.0	57.0	.5	2.0		8.0	
82	7722241	47.2983	-67.1355	0	0	1	17.0	33.0	108.0	850.0	3.26	24.0	68.0	1.0	2.0	3.6	8.0	
82	7722242	47.3003	-67.1325	0	0	1	19.0	33.0	92.0	830.0	2.67	19.0	53.0	1.0	2.0		8.0	
82	7722243	47.3028	-67.1305	0	0	1	20.0	36.0	110.0	900.0	2.98	22.0	64.0	1.0	2.0		8.0	
82	7722244	47.3053	-67.1295	0	0	1	18.0	33.0	110.0	860.0	2.64	20.0	57.0	.5	2.0	4.0	8.0	
82	7722245	47.3073	-67.1275	0	0	1	18.0	36.0	108.0	1100.0	2.89	20.0	57.0	.5	2.0		8.0	
82	7722246	47.3078	-67.1293	0	0	1	20.0	33.0	112.0	1400.0	2.60	18.0	55.0	1.0	2.0		12.0	
82	7722247	47.2980	-67.1386	0	0	1	15.0	30.0	103.0	580.0	3.58	25.0	69.0	.5	2.0	2.7	12.0	
82	7722248	47.2995	-67.1373	0	0	1	14.0	30.0	85.0	690.0	3.12	21.0	57.0	.5	2.0		8.0	
82	7722249	47.3005	-67.1405	0	0	1	17.0	30.0	88.0	690.0	2.91	18.0	56.0	1.5	2.0		8.0	
82	7722250	47.3015	-67.1376	0	0	1	14.0	30.0	79.0	1700.0	3.27	21.0	54.0	1.5	2.0	3.2	8.0	

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MAP SHEET 7722 21 D/6B

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7722251	47.3032	-67.1370	0	0	1	15.0	30.0	83.0	1100.0	3.32	22.0	56.0	1.5	2.0		12.0	
82	7722252	47.3052	-67.1360	0	0	1	15.0	30.0	81.0	920.0	3.18	20.0	53.0	1.5	2.0		8.0	
82	7722253	47.2640	-67.1280	0	0	1	25.0	48.0	111.0	1400.0	3.22	21.0	64.0	1.0	2.0	5.1	8.0	
82	7722254	47.2660	-67.1290	0	0	1	23.0	32.0	106.0	1100.0	2.85	19.0	56.0	1.0	2.0		8.0	
82	7722255	47.2668	-67.1310	0	0	1	21.0	29.0	107.0	980.0	2.87	18.0	53.0	1.0	2.0		8.0	
82	7722256	47.2678	-67.1322	0	0	1	24.0	32.0	95.0	2000.0	2.85	20.0	68.0	1.0	2.0	6.7	8.0	
82	7722257	47.2620	-67.1276	0	0	1	13.0	23.0	65.0	710.0	2.32	18.0	51.0	1.0	2.0		8.0	
82	7722258	47.3042	-67.1565	0	0	1	13.0	23.0	78.0	770.0	2.85	20.0	66.0	1.0	2.0		12.0	
82	7722259	47.3057	-67.1532	0	0	1	13.0	23.0	75.0	570.0	2.90	21.0	69.0	1.0	2.0		8.0	
82	7722260	47.3078	-67.1497	0	0	1	14.0	23.0	83.0	960.0	2.98	22.0	71.0	1.0	2.0	3.0	8.0	
82	7722261	47.3095	-67.1482	0	0	1	15.0	26.0	78.0	1000.0	2.96	21.0	73.0	1.0	2.0		8.0	
82	7722262	47.3133	-67.1480	0	0	1	16.0	26.0	83.0	840.0	3.21	23.0	79.0	1.0	2.0		16.0	
82	7722263	47.3155	-67.1488	0	0	1	15.0	20.0	63.0	470.0	2.53	17.0	60.0	1.0	2.0	2.3	12.0	
82	7722264	47.3147	-67.1464	0	0	1	17.0	23.0	82.0	840.0	2.96	21.0	73.0	1.0	2.0		16.0	
82	7722265	47.3155	-67.1437	0	0	1	20.0	23.0	95.0	1800.0	2.73	18.0	60.0	1.0	2.0		12.0	
82	7722266	47.3165	-67.1433	0	0	1	21.0	26.0	82.0	680.0	3.04	22.0	68.0	1.0	2.0	3.5	16.0	
82	7722267	47.3178	-67.1414	0	0	1	22.0	26.0	69.0	960.0	2.76	18.0	52.0	1.0	2.0		16.0	
82	7722268	47.3193	-67.1425	0	0	1	23.0	33.0	85.0	1100.0	3.00	20.0	69.0	1.0	2.0		12.0	
82	7722269	47.3462	-67.1300	0	0	1	10.0	22.0	77.0	720.0	2.08	12.0	44.0	1.0	2.0			
82	7722270	47.3472	-67.1345	0	0	1	9.0	22.0	75.0	620.0	2.23	13.0	46.0	1.0	2.0			
82	7722271	47.3464	-67.1368	0	0	1	14.0	26.0	83.0	1100.0	2.33	14.0	42.0	1.0	2.0	5.5		
82	7722272	47.3438	-67.1383	0	0	1	17.0	22.0	97.0	1500.0	2.41	15.0	45.0	1.0	2.0			
82	7722273	47.3420	-67.1415	0	0	1	14.0	26.0	94.0	2300.0	2.51	15.0	41.0	1.0	2.0			
82	7722274	47.3485	-67.1350	0	0	1	12.0	26.0	78.0	1500.0	2.44	15.0	50.0	1.0	2.0	2.8		
82	7722275	47.3500	-67.1335	0	0	1	11.0	22.0	80.0	740.0	2.30	15.0	47.0	1.0	4.0			
82	7722276	47.3515	-67.1338	0	0	1	10.0	22.0	73.0	840.0	2.07	13.0	42.0	1.0	2.0			
82	7722277	47.3548	-67.1260	0	0	1	10.0	22.0	66.0	540.0	2.00	12.0	36.0	1.0	2.0			
82	7722278	47.3528	-67.1290	0	0	1	9.0	22.0	56.0	630.0	1.87	11.0	32.0	1.0	2.0			
82	7722279	47.3530	-67.1338	0	0	1	11.0	26.0	72.0	840.0	1.86	13.0	38.0	1.0	2.0	3.1		
82	7722280	47.3547	-67.1350	0	0	1	9.0	18.0	67.0	690.0	1.88	12.0	37.0	1.0	2.0	3.0		
82	7722281	47.3555	-67.1337	0	0	1	12.0	22.0	62.0	520.0	2.06	13.0	33.0	1.0	2.0			
82	7722282	47.3580	-67.1305	0	0	1	16.0	26.0	88.0	810.0	2.45	15.0	42.0	1.0	2.0	6.0		
82	7722283	47.3610	-67.1292	0	0	1	22.0	35.0	86.0	850.0	1.59	10.0	24.0	1.0	2.0			
82	7722284	47.3635	-67.1288	0	0	1	32.0	44.0	141.0	2600.0	1.80	14.0	31.0	1.0	2.0			
82	7722285	47.3665	-67.1278	0	0	1	28.0	48.0	142.0	4700.0	2.21	19.0	41.0	1.0	2.0	11.5		
82	7722286	47.3592	-67.1368	0	0	1	17.0	26.0	81.0	1100.0	2.64	16.0	50.0	1.0	2.0			
82	7722287	47.3602	-67.1360	0	0	1	13.0	22.0	75.0	610.0	2.33	15.0	46.0	1.0	2.0			
82	7722288	47.3617	-67.1390	0	0	1	10.0	22.0	61.0	600.0	1.76	11.0	35.0	.5	2.0	3.0		
82	7722289	47.3635	-67.1415	0	0	1	14.0	22.0	62.0	640.0	1.84	11.0	35.0	.5	2.0			
82	7722290	47.3660	-67.1440	0	0	1	12.0	22.0	70.0	420.0	2.10	13.0	42.0	1.0	2.0			
82	7722291	47.3685	-67.1483	0	0	1	14.0	26.0	78.0	490.0	2.29	15.0	45.0	1.0	2.0	3.0		
82	7722292	47.3727	-67.1500	0	0	1	14.0	31.0	78.0	540.0	2.37	15.0	48.0	1.0	2.0			
82	7722293	47.3643	-67.1700	0	0	1	20.0	26.0	73.0	520.0	2.11	18.0	65.0	1.0	2.0			
82	7722294	47.3622	-67.1718	0	0	1	23.0	31.0	79.0	840.0	1.75	17.0	63.0	1.0	2.0	2.5		
82	7722295	47.3600	-67.1722	0	0	1	17.0	22.0	65.0	460.0	2.51	18.0	62.0	1.0	2.0			
82	7722296	47.3582	-67.1733	0	0	1	19.0	27.0	71.0	940.0	2.64	20.0	67.0	1.0	2.0			
82	7722297	47.3550	-67.1755	0	0	1	20.0	27.0	70.0	520.0	2.77	21.0	68.0	1.0	2.0	2.3		
82	7722298	47.3535	-67.1763	0	0	1	18.0	22.0	68.0	420.0	2.65	20.0	64.0	1.0	2.0			
82	7722299	47.3515	-67.1777	0	0	1	18.0	27.0	66.0	610.0	2.75	20.0	65.0	1.0	2.0			
82	7722300	47.3500	-67.1797	0	0	1	15.0	18.0	62.0	480.0	2.62	18.0	63.0	1.0	2.0	1.7		

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MAP SHEET 7722 21 0/68

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7722301	47.3480	-67.1807	0	0	1	10.0	22.0	71.0	450.0	2.58	18.0	67.0	1.0	2.0			
82	7722302	47.3462	-67.1803	0	0	1	18.0	22.0	66.0	470.0	2.79	20.0	68.0	1.0	2.0	2.1		
82	7722303	47.3437	-67.1788	0	0	1	17.0	22.0	65.0	490.0	2.64	18.0	64.0	1.0	2.0			
82	7722304	47.3425	-67.1812	0	0	1	14.0	22.0	66.0	470.0	2.44	17.0	69.0	1.0	2.0			
82	7722305	47.3425	-67.1867	0	0	1	16.0	22.0	81.0	690.0	2.87	20.0	84.0	1.0	2.0	2.0		
82	7722306	47.3450	-67.1893	0	0	1	18.0	22.0	79.0	1300.0	2.81	23.0	85.0	1.0	2.0			
82	7722307	47.3467	-67.1908	0	0	1	15.0	18.0	74.0	450.0	2.75	20.0	79.0	1.0	2.0			
82	7722308	47.3490	-67.1898	0	0	1	17.0	18.0	79.0	820.0	2.75	21.0	83.0	1.0	2.0	1.6		
82	7722309	47.3510	-67.1900	0	0	1	14.0	16.0	71.0	560.0	2.46	17.0	70.0	1.0	2.0			
82	7722310	47.3531	-67.1913	0	0	1	15.0	18.0	76.0	570.0	2.64	19.0	73.0	1.0	2.0			
82	7722311	47.3547	-67.1912	0	0	1	19.0	22.0	158.0	1000.0	2.59	20.0	72.0	1.0	2.0	1.6		
82	7722312	47.3565	-67.1927	0	0	1	14.0	18.0	71.0	510.0	2.50	17.0	70.0	1.0	2.0			
82	7722313	47.3545	-67.1970	0	0	1	13.0	22.0	114.0	760.0	2.75	19.0	85.0	1.0	2.0			
82	7722314	47.3520	-67.1985	0	0	1	16.0	28.0	102.0	1100.0	2.41	17.0	73.0	1.0	2.0	1.5		
82	7722315	47.3500	-67.2013	0	0	1	12.0	28.0	103.0	960.0	2.71	18.0	76.0	1.0	2.0			
82	7722316	47.3495	-67.2034	0	0	1	18.0	28.0	91.0	1400.0	1.70	14.0	47.0	1.0	2.0			
82	7722317	47.3482	-67.2067	0	0	1	16.0	28.0	78.0	1200.0	1.65	12.0	44.0	1.0	2.0	2.0		
82	7722318	47.3478	-67.2100	0	0	1	20.0	19.0	75.0	1400.0	1.36	13.0	40.0	1.0	2.0			
82	7722319	47.3477	-67.2135	0	0	1	33.0	47.0	162.0	2500.0	2.57	21.0	73.0	1.5	2.0			
82	7722320	47.3495	-67.2170	0	0	1	18.0	28.0	100.0	1400.0	2.09	15.0	51.0	1.5	2.0	2.2		
82	7722321	47.3505	-67.2195	0	0	1	18.0	28.0	94.0	2000.0	1.92	15.0	49.0	1.5	2.0			
82	7722322	47.3518	-67.2224	0	0	1	21.0	28.0	83.0	3000.0	1.07	10.0	30.0	1.0	2.0			
82	7722323	47.3750	-67.2162	0	0	1	18.0	35.0	75.0	830.0	2.67	16.0	72.0	1.0	2.0			
82	7722324	47.3735	-67.2138	0	0	1	18.0	31.0	71.0	630.0	2.62	17.0	72.0	1.0	2.0			
82	7722325	47.3660	-67.2395	0	0	1	10.0	14.0	76.0	420.0	1.86	13.0	45.0	1.0	2.0	1.6		
82	7722326	47.3687	-67.2362	0	0	1	12.0	19.0	76.0	800.0	1.95	14.0	39.0	1.0	2.0			
82	7722327	47.3715	-67.2355	0	0	1	15.0	14.0	84.0	980.0	2.30	14.0	43.0	1.0	2.0			
82	7722328	47.3737	-67.2328	0	0	1	15.0	19.0	89.0	1200.0	2.52	16.0	48.0	1.0	2.0	1.8		
82	7722329	47.3753	-67.2312	0	0	1	15.0	19.0	77.0	1100.0	2.66	17.0	53.0	1.0	2.0			
82	7722330	47.2510	-67.1790	0	0	1	21.0	34.0	44.0	7500.0	3.08	21.0	76.0	1.0	2.0			
82	7722331	47.2523	-67.1840	0	0	1	20.0	34.0	76.0	5600.0	2.85	21.0	70.0	.5	2.0			
82	7722332	47.2527	-67.1882	0	0	1	18.0	21.0	74.0	3000.0	2.79	18.0	65.0	.5	2.0	2.5		
82	7722333	47.2523	-67.1928	0	0	1	27.0	29.0	104.0	3200.0	3.00	20.0	58.0	.5	2.0			
82	7722334	47.2545	-67.1940	0	0	1	22.0	59.0	88.0	11600.0	3.32	24.0	81.0	1.0	2.0			
82	7722335	47.2553	-67.1917	0	0	1	22.0	21.0	74.0	1200.0	2.03	12.0	44.0	1.0	2.0	5.5		
82	7722336	47.2560	-67.1935	0	0	1	16.0	25.0	95.0	1200.0	2.91	19.0	59.0	1.0	2.0			
82	7722337	47.2590	-67.1922	0	0	1	21.0	17.0	88.0	1700.0	2.77	17.0	52.0	1.0	2.0			
82	7722338	47.2573	-67.1897	0	0	1	25.0	21.0	100.0	1200.0	2.14	13.0	44.0	1.0	2.0	4.5		
82	7722339	47.2590	-67.1878	0	0	1	26.0	25.0	133.0	1800.0	2.55	18.0	64.0	1.0	2.0			
82	7722340	47.2612	-67.1915	0	0	1	27.0	21.0	91.0	2100.0	2.88	18.0	56.0	1.0	2.0			
82	7722341	47.2630	-67.1900	0	0	1	35.0	25.0	70.0	3100.0	3.01	18.0	53.0	1.0	2.0	12.7		
82	7722342	47.2645	-67.1915	0	0	1	18.0	13.0	98.0	890.0	2.58	15.0	54.0	1.0	2.0			
82	7722343	47.2660	-67.1915	0	0	1	18.0	13.0	94.0	840.0	2.68	15.0	54.0	1.0	2.0			
82	7722344	47.2643	-67.2427	0	0	1	27.0	76.0	101.0	36900.0	6.96	32.0	72.0	1.0	2.0			
82	7722345	47.2625	-67.2415	0	0	1	24.0	76.0	95.0	15400.0	5.11	28.0	85.0	1.0	2.0	1.5		
82	7722346	47.2625	-67.2385	0	0	1	22.0	102.0	86.0	19900.0	4.09	25.0	74.0	1.0	2.0			
82	7722347	47.2605	-67.2387	0	0	1	18.0	30.0	100.0	1600.0	2.07	11.0	36.0	.5	2.0			
82	7722348	47.2593	-67.2364	0	0	1	16.0	30.0	70.0	5800.0	3.08	18.0	65.0	.5	2.0	2.3		
82	7722349	47.2578	-67.2340	0	0	1	19.0	34.0	91.0	2200.0	3.14	20.0	57.0	1.0	2.0			
82	7722350	47.2605	-67.2290	0	0	1	20.0	29.0	80.0	5900.0	2.55	16.0	50.0	.5	2.0			

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7722 21 0/68

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7722551	47.2630	-67.2258	0	0	1	22.0	50.0	101.0	8100.0	3.68	21.0	74.0	1.0		2.8		
82	7722552	47.2570	-67.2315	0	0	1	24.0	21.0	94.0	1300.0	2.84	11.0	50.0	1.0	2.0			
82	7722553	47.2548	-67.2308	0	0	1	29.0	25.0	103.0	1400.0	3.29	17.0	57.0	1.0	2.0			
82	7722554	47.2545	-67.2287	0	0	1	23.0	25.0	92.0	1000.0	2.88	15.0	49.0	.5	2.0	6.6		
82	7722555	47.2530	-67.2274	0	0	1	21.0	25.0	89.0	1400.0	2.59	13.0	43.0	.5	2.0			
82	7722556	47.2522	-67.2303	0	0	1	27.0	25.0	95.0	1400.0	3.32	16.0	60.0	1.0	2.0			
82	7722557	47.2567	-67.2360	0	0	1	21.0	38.0	98.0	1000.0	3.12	18.0	61.0	.5	2.0	4.0		
82	7722558	47.2550	-67.2368	0	0	1	20.0	21.0	95.0	780.0	2.82	16.0	53.0	1.0	2.0			
82	7722559	47.2532	-67.2382	0	0	1	19.0	21.0	80.0	760.0	2.52	13.0	46.0	.5	2.0			
82	7722560	47.2516	-67.2375	0	0	1	25.0	25.0	90.0	1200.0	2.64	14.0	47.0	1.0	2.0	5.3		
82	7722560	47.2516	-67.2375	0	0	1	25.0	25.0	90.0	1200.0	2.64	14.0	47.0	1.0	2.0	5.3		

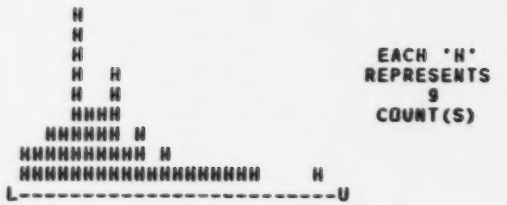
21 O/6B
1. STATISTICS 1

****
* COPPER *
****

VARIABLE NUMBER	2	MAXIMUM	43.0000000
NUMBER OF DISTINCT VALUES .	27	MINIMUM	8.0000000
NUMBER OF VALUES COUNTED. .	360	RANGE	35.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	25.7712250
		ST.DEV.	5.0765371
		(Q3-Q1)/2	2.5000000
		MX.ST.SC.	5.09
		MN.ST.SC.	-1.81

LOCATION ESTIMATES

		ST.ERROR
MEAN	17.1833191	0.2675570
MEDIAN	16.0000000	0.2886752
MODE	15.0000000	



EACH '-' ABOVE = 1.5000
L= 7.5000
U= 45.0000

CASE NO. OF MIN. VAL. = 40
CASE NO. OF MAX. VAL. = 222

	VALUE	VALUE/S.E.
SKEWNESS	1.21	9.38
KURTOSIS	2.60	10.06

Q1= 14.0000000
Q3= 19.0000000
S-= 12.1067820
S+= 22.2598419

EACH '.' BELOW = 0.3000

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
8.	2	0.6	0.6	15.	45	12.5	42.5	22.	15	4.2	87.5	29.	3	0.8	97.5
9.	8	2.2	2.8	16.	32	8.9	51.4	23.	7	1.9	89.4	30.	1	0.3	97.8
10.	15	4.2	6.9	17.	33	9.2	60.6	24.	6	1.7	91.1	32.	3	0.8	98.6
11.	9	2.5	9.4	18.	32	8.9	69.4	25.	8	2.2	93.3	33.	1	0.3	98.9
12.	15	4.2	13.6	19.	21	5.8	75.3	26.	3	0.8	94.2	35.	3	0.8	99.7
13.	23	6.4	20.0	20.	18	5.0	80.3	27.	7	1.9	96.1	43.	1	0.3	100.0
14.	36	10.0	30.0	21.	11	3.1	83.3	28.	2	0.6	96.7				

PAGE 3 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7722 21 0/6B

```
*************
* LEAD      *
*************

VARIABLE NUMBER . . . . . .        3     MAXIMUM        102.0000000
NUMBER OF DISTINCT VALUES .       35     MINIMUM         13.0000000
NUMBER OF VALUES COUNTED. .      360     RANGE           89.0000000
NUMBER OF VALUES NOT COUNTED       0     VARIANCE        68.0158997
                                         ST.DEV.          8.2471762
                                         (Q3-Q1)/2        3.0000000
                                         MX.ST.SC.        9.19
                                         MN.ST.SC.       -1.60

LOCATION ESTIMATES                            ST.ERROR
              MEAN          26.1916656       0.4346644
              MEDIAN        25.0000000       0.2886752
              MODE          22.0000000
```

```
    H
    HH
    HH
    HH
    HH                                EACH 'H'
    HH                               REPRESENTS
    HH                                   13
    HH                                COUNT(S)
   HHH
   HHHH
   HHHHH
  HHHHHHHHHH   H    H
L-------------------------U

   EACH '-' ABOVE =        5.0000
                L=         0.0
                U=       124.9999
CASE NO. OF MIN. VAL. =    3
CASE NO. OF MAX. VAL. =  346

                                                        Q1=   22.0000000
                      VALUE    VALUE/S.E.               Q3=   28.0000000
SKEWNESS               3.83        29.65                S-=   17.9444885
KURTOSIS              26.26       101.71                S+=   34.4388275

   EACH '.' BELOW =        0.7500
```

```
      S    Q      Q        S                                                    M
M     -    M  M M 3        +                                                    A
I..........O..E.E...........................................................X
N          D  D A
           E  I N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
13.	3	0.8	0.8
14.	3	0.8	1.7
16.	11	3.1	4.7
17.	4	1.1	5.8
18.	7	1.9	7.8
19.	17	4.7	12.5
20.	11	3.1	15.6
21.	7	1.9	17.5
22.	50	13.9	31.4
23.	36	10.0	41.4
24.	10	2.8	44.2
25.	24	6.7	50.8
26.	40	11.1	61.9
27.	34	9.4	71.4
28.	17	4.7	76.1
29.	4	1.1	77.2
30.	22	6.1	83.3
31.	12	3.3	86.7
32.	2	0.6	87.2
33.	10	2.8	90.0
34.	7	1.9	91.9
35.	7	1.9	93.9
36.	4	1.1	95.0
37.	1	0.3	95.3
38.	2	0.6	95.8
40.	3	0.8	96.7
41.	1	0.3	96.9
43.	1	0.3	97.2
44.	1	0.3	97.5
47.	1	0.3	97.8
48.	2	0.6	98.3
50.	2	0.6	98.9
59.	1	0.3	99.2
76.	2	0.6	99.7
102.	1	0.3	100.0

```
*************
* ZINC      *
*************

VARIABLE NUMBER . . . . . .        4       MAXIMUM        176.0000000
NUMBER OF DISTINCT VALUES .       69       MINIMUM         44.0000000
NUMBER OF VALUES COUNTED. .      360       RANGE          132.0000000
NUMBER OF VALUES NOT COUNTED       0       VARIANCE       296.6071777
                                           ST.DEV.         17.2222900
                                           (Q3-Q1)/2       10.5000000
                                           MX.ST.SC.        5.38
                                           MN.ST.SC.       -2.29

                                                 ST.ERROR
LOCATION ESTIMATES
                   MEAN      83.3999939          0.9076945
                   MEDIAN    80.0000000          0.8660258
                   MODE      80.0000000
```

```
                   H
                   H
                   H
                  HH                               EACH 'H'
                 HHHH                              REPRESENTS
                 HHHH                                  9
                 HHHHHH                            COUNT(S)
                 HHHHHHH
                 HHHHHHH
           H HHHHHHHHHHHH  H H
      L------------------------U

      EACH '-' ABOVE =       7.5000
                    L=      15.0000
                    U=     202.4999
CASE NO. OF MIN. VAL. =  330
CASE NO. OF MAX. VAL. =  100

                                              Q1=    71.0000000
                       VALUE  VALUE/S.E.      Q3=    92.0000000
SKEWNESS                1.41       10.94      S-=    66.1777039
KURTOSIS                3.90       15.09      S+=   100.6222839

                  EACH '.' BELOW =       1.5000
```

```
                S Q         M M         Q     S                                    M
 M              - 1         M M         3     +                                    A
 I.........................E..E.................................................... X
 N                          D A
                            I N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
44.	1	0.3	0.3
56.	1	0.3	0.6
57.	2	0.6	1.1
59.	4	1.1	2.2
60.	1	0.3	2.5
61.	5	1.4	3.9
62.	7	1.9	5.8
63.	5	1.4	7.2
64.	7	1.9	9.2
65.	5	1.4	10.6
66.	11	3.1	13.6
67.	10	2.8	16.4
68.	7	1.9	18.3
69.	11	3.1	21.4
70.	7	1.9	23.3
71.	10	2.8	26.1
72.	10	2.8	28.9
73.	6	1.7	30.6
74.	6	1.7	32.2
75.	14	3.9	36.1
76.	6	1.7	37.8
77.	10	2.8	40.6
78.	12	3.3	43.9
79.	11	3.1	46.9
80.	15	4.2	51.1
81.	9	2.5	53.6
82.	9	2.5	56.1
83.	9	2.5	58.6
84.	11	3.1	61.7
85.	3	0.8	62.5
86.	7	1.9	64.4
87.	5	1.4	65.8
88.	11	3.1	68.9
89.	8	2.2	71.1
90.	3	0.8	71.9
91.	8	2.2	74.2
92.	5	1.4	75.6
93.	1	0.3	75.8
94.	6	1.7	77.5
95.	7	1.9	79.4
96.	3	0.8	80.3
97.	3	0.8	81.1
98.	9	2.5	83.6
100.	8	2.2	85.8
101.	4	1.1	86.9
102.	3	0.8	87.8
103.	6	1.7	89.4
104.	1	0.3	89.7
105.	1	0.3	90.0
106.	4	1.1	91.1
107.	4	1.1	92.2
108.	4	1.1	93.3
109.	1	0.3	93.6
110.	2	0.6	94.2
111.	1	0.3	94.4
112.	2	0.6	95.0
114.	3	0.8	95.8
115.	1	0.3	96.1
116.	3	0.8	96.9
118.	1	0.3	97.2
121.	2	0.6	97.8
128.	1	0.3	98.1
132.	1	0.3	98.3
133.	1	0.3	98.6
141.	1	0.3	98.9
142.	1	0.3	99.2
158.	1	0.3	99.4
162.	1	0.3	99.7
176.	1	0.3	100.0

****
* MANGANES *
****

VARIABLE NUMBER	5	MAXIMUM	36900.0000000
NUMBER OF DISTINCT VALUES .	109	MINIMUM	160.0000000
NUMBER OF VALUES COUNTED. .	360	RANGE	36740.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	6387568.0000000
		ST.DEV.	2527.3620605
		(Q3-Q1)/2	375.0000000
		MX.ST.SC.	14.07
		MN.ST.SC.	-0.47

LOCATION ESTIMATES

		ST.ERROR
MEAN	1340.3332520	133.2036096
MEDIAN	840.0000000	28.8878232
MODE	1100.0000000	

```
 H
 H
 H
 H                                  EACH 'H'
 H                                  REPRESENTS
 H                                      30
 H                                  COUNT(S)
 H
 HH
 HHHHHH H  H  H          H
L------------------------U
```

EACH '-' ABOVE = 1500.0000
L= 0.0
U= 37500.0000
CASE NO. OF MIN. VAL. = 51
CASE NO. OF MAX. VAL. = 344

	VALUE	VALUE/S.E.
SKEWNESS	9.67	74.91
KURTOSIS	117.73	455.96

Q1= 550.0000000
Q3= 1300.0000000
S-=-1187.0288086
S+= 3867.6953125

EACH '.' BELOW = 300.0000

```
S    Q Q       S
-    M1MM      +
.....I.EE.....................................................................................................M
     N DA                                                                                                    A
       IN                                                                                                    X
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
160.	1	0.3	0.3	530.	5	1.4	23.3	810.	1	0.3	47.8	2000.	4	1.1	89.4
170.	1	0.3	0.6	540.	4	1.1	24.4	820.	4	1.1	48.9	2100.	3	0.8	90.3
230.	1	0.3	0.8	550.	4	1.1	25.6	830.	2	0.6	49.4	2200.	2	0.6	90.8
250.	1	0.3	1.1	560.	3	0.8	26.4	840.	8	2.2	51.7	2300.	1	0.3	91.1
270.	1	0.3	1.4	570.	2	0.6	26.9	850.	4	1.1	52.8	2400.	2	0.6	91.7
280.	1	0.3	1.7	580.	2	0.6	27.5	860.	5	1.4	54.2	2500.	3	0.8	92.5
290.	4	1.1	2.8	590.	4	1.1	28.6	870.	2	0.6	54.7	2600.	3	0.8	93.3
300.	2	0.6	3.3	600.	2	0.6	29.2	880.	1	0.3	55.0	3000.	2	0.6	93.9
310.	3	0.8	4.2	610.	3	0.8	30.0	890.	3	0.8	55.8	3100.	1	0.3	94.2
340.	2	0.6	4.7	620.	3	0.8	30.8	900.	3	0.8	56.7	3200.	3	0.8	95.0
350.	2	0.6	5.3	630.	3	0.8	31.7	910.	2	0.6	57.2	3300.	1	0.3	95.3
360.	1	0.3	5.6	640.	3	0.8	32.5	920.	2	0.6	57.8	3600.	2	0.6	95.8
370.	2	0.6	6.1	650.	5	1.4	33.9	930.	2	0.6	58.3	4000.	2	0.6	96.4
380.	1	0.3	6.4	660.	1	0.3	34.2	940.	1	0.3	58.6	4600.	1	0.3	96.7
390.	1	0.3	6.7	670.	1	0.3	34.4	950.	2	0.6	59.2	4700.	2	0.6	97.2
400.	2	0.6	7.2	680.	2	0.6	35.0	960.	6	1.7	60.8	5000.	1	0.3	97.5
410.	1	0.3	7.5	690.	7	1.9	36.9	970.	1	0.3	61.1	5600.	1	0.3	97.8
420.	5	1.4	8.9	700.	4	1.1	38.1	980.	3	0.8	61.9	5800.	1	0.3	98.1
430.	4	1.1	10.0	710.	5	1.4	39.4	1000.	10	2.8	64.7	5900.	1	0.3	98.3
440.	4	1.1	11.1	720.	3	0.8	40.3	1100.	19	5.3	70.0	7500.	1	0.3	98.6
450.	6	1.7	12.8	730.	2	0.6	40.8	1200.	13	3.6	73.6	8100.	1	0.3	98.9
460.	4	1.1	13.9	740.	6	1.7	42.5	1300.	10	2.8	76.4	11600.	1	0.3	99.2
470.	6	1.7	15.6	750.	3	0.8	43.3	1400.	12	3.3	79.7	15400.	1	0.3	99.4

480.	7	1.9	17.6	760.	4	1.1	44.4	1500.	7	1.9	81.7	19900.	1	0.3	99.7
490.	4	1.1	18.6	770.	6	1.7	46.1	1600.	8	2.2	83.9	36900.	1	0.3	100.0
500.	4	1.1	19.7	780.	1	0.3	46.4	1700.	7	1.9	85.8				
510.	1	0.3	20.0	790.	1	0.3	46.7	1800.	3	0.8	86.7				
520.	7	1.9	21.9	800.	3	0.8	47.5	1900.	6	1.7	88.3				

```
*************
* IRONPCNT *
*************                                MAXIMUM        6.9699993
                                             MINIMUM        1.0799999
                                             RANGE          5.8899994
VARIABLE NUMBER . . . . . .       6          VARIANCE       0.2241724
NUMBER OF DISTINCT VALUES .     145          ST.DEV.        0.4734685
NUMBER OF VALUES COUNTED. .     360          (Q3-Q1)/2      0.2300000
NUMBER OF VALUES NOT COUNTED      0          MX.ST.SC.      9.03
                                             MN.ST.SC.     -3.41

LOCATION ESTIMATES                              ST.ERROR
                   MEAN          2.6946669     0.0249540
                   MEDIAN        2.7449999     0.0173204
                   MODE          2.8599997
```

```
              H
              H
             HH
             HH                     EACH 'H'
             HH                    REPRESENTS
            HHHH                       11
            HHHH                    COUNT(S)
           HHHHH
          HHHHHHH
      HHHHHHHHHHH H    H      H
     L-------------------------U

       EACH '-' ABOVE =       0.2500
                   L=         1.0000
                   U=         7.2500
 CASE NO. OF MIN. VAL. =  322
 CASE NO. OF MAX. VAL. =  344

                                                    Q1=    2.4599991
                       VALUE   VALUE/S.E.           Q3=    2.9199991
 SKEWNESS               1.96       15.15            S-=    2.2211981
 KURTOSIS              19.53       75.65            S+=    3.1681347

             EACH '.' BELOW =        0.0500
```

```
                       S    Q        Q    S
M                      -    1    MM M3    +                                                     M
I..............................EE.O.......................................................A
N                                AD D                                                       X
                                 NI E
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.080	1	0.3	0.3
1.370	1	0.3	0.6
1.450	1	0.3	0.8
1.530	1	0.3	1.1
1.600	1	0.3	1.4
1.630	1	0.3	1.7
1.660	1	0.3	1.9
1.710	1	0.3	2.2
1.750	2	0.6	2.8
1.770	1	0.3	3.1
1.810	1	0.3	3.3
1.850	1	0.3	3.6
1.870	2	0.6	4.2
1.880	3	0.8	5.0
1.890	1	0.3	5.3
1.920	1	0.3	5.6
1.930	1	0.3	5.8
1.960	2	0.6	6.4
2.000	1	0.3	6.7
2.030	1	0.3	6.9
2.040	1	0.3	7.2
2.060	1	0.3	7.5
2.070	1	0.3	7.8

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
2.240	1	0.3	13.3
2.250	1	0.3	13.6
2.260	1	0.3	13.9
2.270	1	0.3	14.2
2.280	1	0.3	14.4
2.300	3	0.8	15.3
2.310	2	0.6	15.8
2.330	3	0.8	16.7
2.340	4	1.1	17.8
2.350	1	0.3	18.1
2.360	1	0.3	18.3
2.370	2	0.6	18.9
2.380	1	0.3	19.2
2.400	3	0.8	20.0
2.420	6	1.7	21.7
2.430	6	1.7	23.3
2.440	2	0.6	23.9
2.450	3	0.8	24.7
2.460	3	0.8	25.6
2.470	2	0.6	26.1
2.480	1	0.3	26.4
2.490	1	0.3	26.7
2.500	1	0.3	26.9

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
2.660	2	0.6	41.1
2.670	5	1.4	42.5
2.680	6	1.7	44.2
2.690	3	0.8	45.0
2.700	4	1.1	46.1
2.710	2	0.6	46.7
2.720	4	1.1	47.8
2.730	4	1.1	48.9
2.740	4	1.1	50.0
2.750	10	2.8	52.8
2.760	8	2.2	55.0
2.770	4	1.1	56.1
2.780	4	1.1	57.2
2.790	4	1.1	58.3
2.800	5	1.4	59.7
2.810	2	0.6	60.3
2.820	5	1.4	61.7
2.830	4	1.1	62.8
2.840	4	1.1	63.9
2.850	2	0.6	64.4
2.860	11	3.1	67.5
2.870	5	1.4	68.9
2.680	4	1.1	70.0

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
3.040	2	0.6	85.6
3.050	3	0.8	86.4
3.060	2	0.6	86.9
3.070	1	0.3	87.2
3.080	1	0.3	87.5
3.090	5	1.4	88.9
3.100	2	0.6	89.4
3.110	1	0.3	89.7
3.120	1	0.3	90.0
3.130	3	0.8	90.8
3.140	1	0.3	91.1
3.150	2	0.6	91.7
3.160	2	0.6	92.2
3.180	1	0.3	92.5
3.190	2	0.6	93.1
3.200	2	0.6	93.6
3.210	1	0.3	93.9
3.220	1	0.3	94.2
5.230	2	0.6	94.7
3.260	1	0.3	95.0
3.270	2	0.6	95.6
3.280	1	0.3	95.8
3.300	2	0.6	96.4

2.080	2	0.6	8.3	2.510	3	0.8	27.6	2.890	8	2.2	72.2	3.310	1	0.3	96.7
2.090	1	0.3	8.6	2.520	3	0.8	28.6	2.900	5	1.4	73.6	3.320	1	0.3	96.9
2.100	2	0.6	9.2	2.530	4	1.1	29.7	2.910	3	0.8	74.4	3.330	3	0.8	97.8
2.110	1	0.3	9.4	2.540	5	1.4	31.1	2.920	3	0.8	75.3	3.350	1	0.3	98.1
2.120	1	0.3	9.7	2.560	4	1.1	32.2	2.930	2	0.6	75.8	3.370	1	0.3	98.3
2.130	1	0.3	10.0	2.570	2	0.6	32.8	2.940	5	1.4	77.2	3.400	1	0.3	98.6
2.140	1	0.3	10.3	2.580	2	0.6	33.3	2.950	1	0.3	77.5	3.590	1	0.3	98.9
2.150	1	0.3	10.6	2.590	3	0.8	34.2	2.970	4	1.1	78.6	3.690	1	0.3	99.2
2.160	3	0.8	11.4	2.600	3	0.8	35.0	2.980	1	0.3	78.9	4.100	1	0.3	99.4
2.170	1	0.3	11.7	2.610	4	1.1	36.1	2.990	3	0.8	79.7	5.120	1	0.3	99.7
2.200	1	0.3	11.9	2.620	4	1.1	37.2	3.000	7	1.9	81.7	6.870	1	0.3	100.0
2.210	1	0.3	12.2	2.630	5	1.4	38.6	3.010	5	1.4	83.1				
2.220	1	0.3	12.5	2.640	1	0.3	38.9	3.020	4	1.1	84.2				
2.230	2	0.6	13.1	2.650	6	1.7	40.6	3.030	3	0.8	85.0				

****
* COBALT *
****

VARIABLE NUMBER	7	MAXIMUM	32.0000000
NUMBER OF DISTINCT VALUES .	20	MINIMUM	6.0000000
NUMBER OF VALUES COUNTED. .	360	RANGE	26.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	9.9062033
		ST.DEV.	3.1474123
		(Q3-Q1)/2	1.7500000
		MX.ST.SC.	4.40
		MN.ST.SC.	-3.86

LOCATION ESTIMATES

		ST.ERROR
MEAN	18.1361084	0.1658832
MEDIAN	18.0000000	0.2886752
MODE	18.0000000	

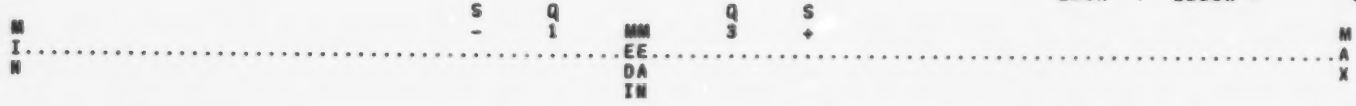
EACH 'H' REPRESENTS 12 COUNT(S)

EACH '-' ABOVE = 1.5000
L= 0.0
U= 37.5000
CASE NO. OF MIN. VAL. = 106
CASE NO. OF MAX. VAL. = 344

	VALUE	VALUE/S.E.
SKEWNESS	-0.32	-2.50
KURTOSIS	1.44	5.59

Q1= 16.5000000
Q3= 20.0000000
S-= 14.9886961
S+= 21.2635083

EACH '.' BELOW = 0.2500



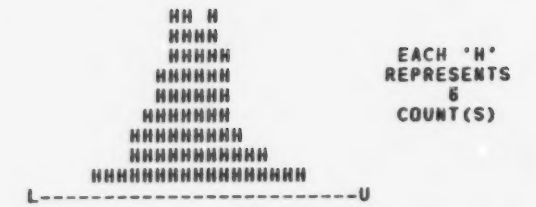
VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
6.	1	0.3	0.3	13.	13	3.6	8.9	18.	61	16.9	51.4	23.	10	2.8	97.5
8.	1	0.3	0.6	14.	15	4.2	13.1	19.	51	14.2	65.6	24.	5	1.4	98.9
10.	3	0.8	1.4	15.	20	5.6	18.6	20.	46	12.8	78.3	25.	2	0.6	99.4
11.	6	1.7	3.1	16.	23	6.4	25.0	21.	47	13.1	91.4	28.	1	0.3	99.7
12.	8	2.2	5.3	17.	34	9.4	34.4	22.	12	3.3	94.7	32.	1	0.3	100.0

****
* NICKEL *
****

VARIABLE NUMBER	8	MAXIMUM	102.0000000
NUMBER OF DISTINCT VALUES .	63	MINIMUM	24.0000000
NUMBER OF VALUES COUNTED. .	360	RANGE	78.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	167.2807312
		ST.DEV.	12.9337053
		(Q3-Q1)/2	8.5000000
		MX.ST.SC.	3.32
		MN.ST.SC.	-2.71

LOCATION ESTIMATES

		ST.ERROR
MEAN	59.0166626	0.6816662
MEDIAN	58.0000000	1.1547003
MODE	60.0000000	

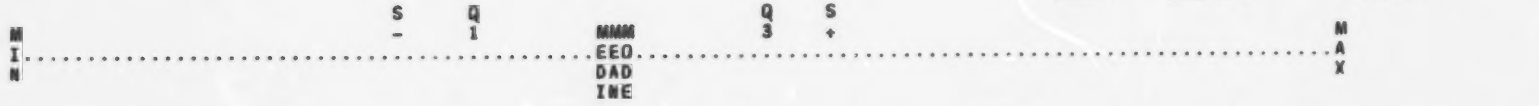


EACH '-' ABOVE = 5.0000
L= 0.0
U= 124.9999
CASE NO. OF MIN. VAL. = 283
CASE NO. OF MAX. VAL. = 59

	VALUE	VALUE/S.E.
SKEWNESS	0.20	1.55
KURTOSIS	0.10	0.40

Q1= 51.0000000
Q3= 68.0000000
S-= 46.0829468
S+= 71.9503632

EACH '.' BELOW = 0.7500



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
24.	1	0.3	0.3	45.	8	2.2	15.0	61.	7	1.9	59.7	77.	2	0.6	93.1
30.	1	0.3	0.6	46.	4	1.1	16.1	62.	4	1.1	60.8	78.	1	0.3	93.3
31.	1	0.3	0.8	47.	7	1.9	18.1	63.	6	1.7	62.5	79.	4	1.1	94.4
32.	2	0.6	1.4	48.	10	2.8	20.8	64.	9	2.5	65.0	81.	3	0.8	95.3
33.	1	0.3	1.7	49.	6	1.7	22.5	65.	14	3.9	68.9	82.	1	0.3	95.6
34.	2	0.6	2.2	50.	7	1.9	24.4	66.	10	2.8	71.7	83.	2	0.6	96.1
35.	6	1.7	3.9	51.	7	1.9	26.4	67.	8	2.2	73.9	84.	1	0.3	96.4
36.	3	0.8	4.7	52.	14	3.9	30.3	68.	7	1.9	75.8	85.	5	1.4	97.8
37.	2	0.6	5.3	53.	16	4.4	34.7	69.	15	4.2	80.0	86.	2	0.6	98.3
38.	2	0.6	5.8	54.	8	2.2	36.9	70.	9	2.5	82.5	89.	1	0.3	98.6
39.	4	1.1	6.9	55.	10	2.8	39.7	71.	3	0.8	83.3	91.	1	0.3	98.9
40.	3	0.8	7.8	56.	21	5.8	45.6	72.	9	2.5	85.8	93.	1	0.3	99.2
41.	4	1.1	8.9	57.	10	2.8	48.3	73.	10	2.8	88.6	95.	1	0.3	99.4
42.	4	1.1	10.0	58.	8	2.2	50.6	74.	7	1.9	90.6	99.	1	0.3	99.7
43.	2	0.6	10.6	59.	4	1.1	51.7	75.	2	0.6	91.1	102.	1	0.3	100.0
44.	5	2.2	12.8	60.	22	6.1	57.8	76.	5	1.4	92.5				

```
 *************
 * SILVER    *
 *************                             MAXIMUM          1.5000000
                                           MINIMUM          0.5000000
                                           RANGE            1.0000000
VARIABLE NUMBER . . . . . .       9        VARIANCE         0.0375967
NUMBER OF DISTINCT VALUES .       3        ST.DEV.          0.1938987
NUMBER OF VALUES COUNTED. .     360        (Q3-Q1)/2        0.0
NUMBER OF VALUES NOT COUNTED      0        MX.ST.SC.        2.56
                                           MN.ST.SC.       -2.59

LOCATION ESTIMATES                                ST.ERROR
              MEAN          1.0027771       0.0102194
              MEDIAN        1.0000000       0.0
              MODE          1.0000000

                    H
                    H
                    H
                    H
                    H
                    H                  EACH 'H'
                    H                 REPRESENTS
                    H                     31
                    H                  COUNT(S)
                    H
                    H
     H              H          H
L-------------------------U

    EACH '-' ABOVE =        0.0500
                 L=         0.4000
                 U=         1.6500
CASE NO. OF MIN. VAL. =   23
CASE NO. OF MAX. VAL. =    7

                        VALUE   VALUE/S.E.     Q1=    1.0000000
         SKEWNESS        0.05         0.41     Q3=    1.0000000
         KURTOSIS        3.63        14.05     S-=    0.8088784
                                               S+=    1.1966753

                                   EACH '.' BELOW =        0.0100

                S                  Q                S
 M              -                  MM               +                  M
 I.................................EE..................................A
 N                                 DA                                  X
                                   IN

            PERCENTS                         PERCENTS                         PERCENTS
VALUE   COUNT  CELL   CUM     VALUE   COUNT  CELL   CUM     VALUE   COUNT  CELL   CUM
0.5000     26   7.2   7.2     1.0000   306   85.0  92.2     1.5000     28   7.8  100.0
-----------------------------------------------------------------------------------------
```

****
* MOLYBDEN *
****

VARIABLE NUMBER	10	MAXIMUM	4.0000000
NUMBER OF DISTINCT VALUES .	2	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	359	RANGE	2.0000000
NUMBER OF VALUES NOT COUNTED	1	VARIANCE	0.0111421
		ST.DEV.	0.1055660
		(Q3-Q1)/2	0.0
		MX.ST.SC.	18.89
		MN.ST.SC.	-0.05

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0055704	0.0055710
MEDIAN	2.0000000	0.0
MODE	2.0000000	

```
H
H
H
H                                        EACH 'H'
H                                       REPRESENTS
H                                          36
H                                       COUNT(S)
H
H
H
H                    H
L--------------------U
```

EACH '-' ABOVE = 0.1000
L= 1.8000
U= 4.3000

CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 275

	VALUE	VALUE/S.E.
SKEWNESS	18.79	145.34
KURTOSIS	352.02	1361.46

Q1= 2.0000000
Q3= 2.0000000
S-= 1.9000139
S+= 2.1111259

EACH '.' BELOW = 0.0200

```
S   Q   S                                                                    M
-   M   +                                                                    A
.....I.....................................................................A
     N                                                                       X
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
2.	358	99.7	99.7	4.	1	0.3	100.0

PAGE 11 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7722 21 O/6B

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************
* URANIUM  *
************

VARIABLE NUMBER . . . . . .        11
NUMBER OF DISTINCT VALUES .        47
NUMBER OF VALUES COUNTED. .       113
NUMBER OF VALUES NOT COUNTED      247

MAXIMUM          12.7999992
MINIMUM           1.3999996
RANGE            11.3999996
VARIANCE          4.2212696
ST.DEV.           2.0545731
(Q3-Q1)/2         0.7500000
MX.ST.SC.         4.59
MN.ST.SC.        -0.96

LOCATION ESTIMATES                          ST.ERROR
                MEAN              3.3796291   0.1932780
                MEDIAN            2.7999992   0.1732050
                MODE             NOT UNIQUE

                                                                                  H
                                                                                  H
                                                                                  H
                                                                                  H                                  EACH 'H'
                                                                                 HH H                              REPRESENTS
                                                                                 HHHH                                   3
                                                                                 HHHH                              COUNT(S)
                                                                                 HHHHH
                                                                                HHHHHHHHH
                                                                                HHHHHHHHHHHH H      HHH H
                                                                               L-------------------------U

                                                                                EACH '-' ABOVE =        0.5000
                                                                                             L=        1.0000
                                                                                             U=       13.5000
                                                                          CASE NO. OF MIN. VAL. =   53
                                                                          CASE NO. OF MAX. VAL. =  341

                                                                                                  Q1=     2.1999998
                                                                                VALUE   VALUE/S.E.  Q3=     3.6999998
                                                                  SKEWNESS       2.48       10.78  S-=     1.3250561
                                                                  KURTOSIS       7.04       15.28  S+=     5.4342022

                                                                                EACH '.' BELOW =        0.1000
     S        Q                Q                S
    -M        1     M      M  3                +
    .I.............E.....E.......................................................................................M
     N             D      A                                                                                    A
                   I      N                                                                                    X
```

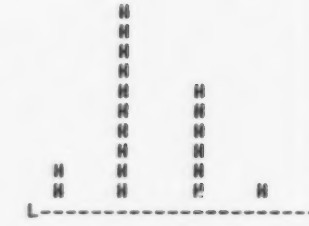
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.400	2	1.8	1.8	2.600	2	1.8	46.9	3.800	1	0.9	77.0	5.500	1	0.9	90.3
1.500	2	1.8	3.5	2.700	2	1.8	48.7	3.900	2	1.8	78.8	5.600	2	1.8	92.0
1.600	1	0.9	4.4	2.800	2	1.8	50.4	4.100	2	1.8	80.5	6.000	1	0.9	92.9
1.700	6	5.3	9.7	2.900	3	2.7	53.1	4.300	1	0.9	81.4	6.700	1	0.9	93.8
1.800	1	0.9	10.6	3.000	4	3.5	56.6	4.400	1	0.9	82.3	6.800	1	0.9	94.7
1.900	8	7.1	17.7	3.100	6	5.3	61.9	4.500	2	1.8	84.1	7.700	1	0.9	95.6
2.000	1	0.9	18.6	3.200	3	2.7	64.6	4.600	1	0.9	85.0	7.800	1	0.9	96.5
2.100	5	4.4	23.0	3.300	3	2.7	67.3	4.700	1	0.9	85.8	10.800	1	0.9	97.3
2.200	7	6.2	29.2	3.400	2	1.8	69.0	5.100	1	0.9	86.7	11.000	1	0.9	98.2
2.300	6	5.3	34.5	3.500	2	1.8	70.8	5.200	1	0.9	87.6	11.600	1	0.9	99.1
2.400	8	7.1	41.6	3.600	3	2.7	73.5	5.300	1	0.9	88.5	12.800	1	0.9	100.0
2.500	4	3.5	45.1	3.700	3	2.7	76.1	5.400	1	0.9	89.4				

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	20.0000000
NUMBER OF DISTINCT VALUES .	5	MINIMUM	4.0000000
NUMBER OF VALUES COUNTED. .	156	RANGE	16.0000000
NUMBER OF VALUES NOT COUNTED	204	VARIANCE	8.8668232
		ST.DEV.	2.9777212
		(Q3-Q1)/2	2.0000000
		MX.ST.SC.	3.55
		MN.ST.SC.	-1.83

LOCATION ESTIMATES

		ST.ERROR
MEAN	9.4358969	0.2384084
MEDIAN	8.0000000	0.0
MODE	8.0000000	

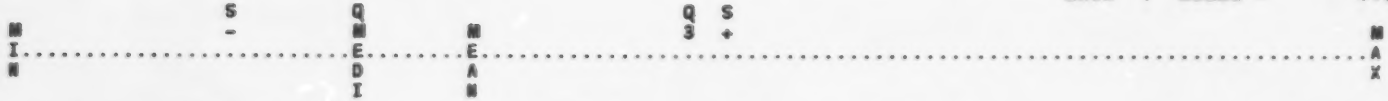


EACH '-' ABOVE = 0.7500
L= 3.0000
U= 21.7500
CASE NO. OF MIN. VAL. = 9
CASE NO. OF MAX. VAL. = 234

	VALUE	VALUE/S.E.
SKEWNESS	0.63	3.19
KURTOSIS	1.07	2.74

Q1= 8.0000000
Q3= 12.0000000
S-= 6.4581757
S+= 12.4136161

EACH '.' BELOW = 0.1500



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
4.	13	8.3	8.3	12.	51	32.7	94.9	20.	2	1.3	100.0				
8.	84	53.8	62.2	16.	6	3.8	98.7								

21 O/6C
1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7723 21 D/6C

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7723001	47.3455	-67.3677	0	0	1	21.0	28.0	84.0	1700.0	3.14	21.0	77.0	1.0	2.0		8.0	
82	7723002	47.3508	-67.3658	0	0	1	14.0	28.0	89.0	1500.0	2.25	16.0	71.0	1.0	2.0	2.1	12.0	
82	7723003	47.3558	-67.3662	0	0	2	27.0	25.0	47.0	590.0	.55	10.0	25.0	2.0	2.0		8.0	
82	7723004	47.3607	-67.3670	0	0	1	14.0	31.0	120.0	940.0	2.91	22.0	100.0	1.0	2.0		12.0	
82	7723005	47.3645	-67.3668	0	0	2	29.0	31.0	63.0	1000.0	.81	11.0	34.0	2.0	2.0	6.7	20.0	
82	7723006	47.3690	-67.3658	0	0	1	35.0	34.0	84.0	470.0	2.83	23.0	92.0	1.0	2.0		12.0	
82	7723007	47.3717	-67.3675	0	0	1	25.0	37.0	101.0	1500.0	2.61	21.0	83.0	1.0	2.0		8.0	
82	7723008	47.2870	-67.3625	0	0	2	8.0	18.0	68.0	350.0	1.80	12.0	34.0	1.0	2.0		2.0	
82	7723009	47.2852	-67.3605	0	0	2	7.0	18.0	73.0	3800.0	2.80	15.0	36.0	.5	2.0		2.0	
82	7723010	47.2820	-67.3595	0	0	2	7.0	25.0	73.0	4200.0	2.92	16.0	38.0	1.0	2.0	1.5	2.0	
82	7723011	47.2794	-67.3585	0	0	2	7.0	18.0	74.0	220.0	2.17	12.0	38.0	1.0	2.0		4.0	
82	7723012	47.2753	-67.3575	0	0	1	10.0	21.0	91.0	1900.0	4.04	22.0	71.0	1.0	2.0		2.0	
82	7723013	47.2725	-67.3563	0	0	1	22.0	25.0	63.0	950.0	3.13	21.0	57.0	1.0	2.0	2.0	4.0	
82	7723014	47.2677	-67.3595	0	0	1	16.0	35.0	91.0	3000.0	2.86	22.0	54.0	1.0	2.0		2.0	
82	7723015	47.2650	-67.3608	0	0	1	12.0	25.0	59.0	720.0	2.56	19.0	62.0	1.0	2.0		4.0	
82	7723016	47.2610	-67.3638	0	0	1	15.0	28.0	111.0	7200.0	3.63	34.0	63.0	1.0	2.0	1.8	2.0	
82	7723017	47.2590	-67.3653	0	0	1	24.0	28.0	70.0	2600.0	3.95	30.0	79.0	1.0	2.0		4.0	
82	7723018	47.2815	-67.3264	0	0	1	14.0	31.0	92.0	840.0	2.69	18.0	61.0	1.0	2.0	2.2	4.0	
82	7723019	47.2787	-67.3213	0	0	1	15.0	28.0	77.0	2300.0	3.00	22.0	65.0	1.0	2.0		4.0	
82	7723020	47.2757	-67.3200	0	0	1	13.0	28.0	69.0	750.0	2.81	22.0	72.0	1.0	2.0		4.0	
82	7723021	47.2733	-67.3195	0	0	1	9.0	28.0	77.0	750.0	2.18	16.0	61.0	1.0	2.0	2.2	8.0	
82	7723022	47.2700	-67.3200	0	0	1	11.0	25.0	58.0	340.0	2.06	14.0	55.0	1.0	2.0		12.0	
82	7723023	47.2640	-67.3185	0	0	1	9.0	28.0	94.0	530.0	2.78	19.0	72.0	1.0	2.0		8.0	
82	7723024	47.2620	-67.3205	0	0	1	8.0	22.0	81.0	930.0	2.56	17.0	69.0	1.0	2.0	1.8	4.0	
82	7723025	47.2600	-67.3275	0	0	1	9.0	25.0	91.0	720.0	3.00	19.0	81.0	1.0	2.0		2.0	
82	7723026	47.2557	-67.3320	0	0	1	8.0	25.0	98.0	480.0	3.30	21.0	94.0	1.0	2.0		4.0	
82	7723027	47.2553	-67.3384	0	0	1	7.0	22.0	70.0	470.0	2.22	14.0	61.0	1.0	2.0	1.8	4.0	
82	7723028	47.2617	-67.3160	0	0	1	8.0	25.0	64.0	450.0	1.93	14.0	50.0	.5	2.0		2.0	
82	7723029	47.2605	-67.3123	0	0	1	23.0	31.0	61.0	1800.0	2.86	21.0	70.0	1.0	2.0		4.0	
82	7723030	47.2555	-67.3055	0	0	1	11.0	28.0	70.0	1300.0	2.75	19.0	66.0	1.0	2.0	1.8	2.0	
82	7723031	47.2565	-67.2980	0	0	1	13.0	22.0	61.0	700.0	2.54	17.0	65.0	1.0	2.0		4.0	
82	7723032	47.3090	-67.3740	0	0	1	18.0	29.0	87.0	640.0	3.09	22.0	124.0	1.5	2.0		8.0	
82	7723033	47.3078	-67.3705	0	0	1	17.0	49.0	82.0	650.0	3.22	22.0	124.0	1.5	2.0	2.3		
82	7723034	47.2705	-67.3716	0	0	2	14.0	23.0	65.0	3300.0	2.39	15.0	40.0	1.5	2.0		4.0	
82	7723035	47.2940	-67.2810	0	0	1	17.0	23.0	56.0	580.0	2.75	17.0	55.0	1.0	2.0	2.3	4.0	
82	7723036	47.2923	-67.2830	0	0	2	18.0	23.0	63.0	970.0	2.25	16.0	52.0	1.0	2.0		4.0	
82	7723037	47.3540	-67.3495	0	0	2	10.0	40.0	62.0	1500.0	.86	11.0	17.0	1.5	2.0		8.0	
82	7723038	47.3518	-67.3505	0	0	2	9.0	40.0	55.0	1300.0	.68	9.0	17.0	1.5	2.0	1.8	12.0	
82	7723039	47.3487	-67.3515	0	0	2	9.0	33.0	58.0	1200.0	1.06	9.0	19.0	1.5	2.0		4.0	
82	7723040	47.3450	-67.3550	0	0	1	9.0	53.0	73.0	960.0	.69	9.0	13.0	1.5	2.0		8.0	
82	7723041	47.3390	-67.3530	0	0	1	10.0	33.0	109.0	8100.0	3.65	17.0	48.0	1.5	2.0	1.2	8.0	
82	7723042	47.3355	-67.3520	0	0	1	12.0	26.0	119.0	2100.0	5.12	21.0	88.0	1.5	2.0		8.0	
82	7723043	47.3330	-67.3500	0	0	1	10.0	23.0	120.0	2700.0	4.63	20.0	76.0	1.0	2.0		8.0	
82	7723044	47.3308	-67.3575	0	0	1	13.0	26.0	100.0	880.0	3.15	23.0	109.0	1.0	2.0	2.2	4.0	
82	7723045	47.3322	-67.3585	0	0	1	12.0	26.0	99.0	920.0	3.35	22.0	108.0	1.0	2.0		8.0	
82	7723046	47.3368	-67.3610	0	0	1	11.0	26.0	104.0	900.0	3.53	23.0	112.0	1.0	2.0		12.0	
82	7723047	47.3408	-67.3660	0	0	1	12.0	30.0	100.0	1500.0	3.29	23.0	115.0	1.0	2.0	1.7	8.0	
82	7723048	47.3435	-67.3665	0	0	1	13.0	26.0	98.0	880.0	2.82	20.0	100.0	1.0	2.0		8.0	
82	7723049	47.3500	-67.3735	0	0	1	14.0	23.0	92.0	950.0	2.71	19.0	100.0	1.0	2.0		8.0	
82	7723050	47.3463	-67.3705	0	0	1	24.0	19.0	80.0	990.0	2.50	16.0	85.0	1.0	2.0		8.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7723 21 O/6C

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7723051	47.3605	-67.3235	0	0	1	15.0	23.0	75.0	630.0	2.04	18.0	90.0	1.0	2.0		12.0	
82	7723052	47.3587	-67.3233	0	0	1	13.0	26.0	85.0	640.0	3.10	22.0	117.0	1.0	2.0		8.0	
82	7723053	47.3560	-67.3228	0	0	1	19.0	32.0	72.0	560.0	2.82	19.0	95.0	1.0	2.0	2.0	8.0	
82	7723054	47.3537	-67.3225	0	0	1	18.0	32.0	63.0	490.0	2.53	19.0	86.0	1.0	2.0		8.0	
82	7723055	47.3512	-67.3217	0	0	1	25.0	23.0	51.0	480.0	2.75	23.0	86.0	1.0	2.0		8.0	
82	7723056	47.3490	-67.3195	0	0	1	12.0	23.0	68.0	960.0	2.48	16.0	66.0	1.0	2.0	1.7	8.0	
82	7723057	47.3435	-67.3215	0	0	1	19.0	20.0	58.0	440.0	2.61	19.0	82.0	1.0	2.0		24.0	
82	7723058	47.3412	-67.3235	0	0	1	21.0	23.0	45.0	170.0	2.66	16.0	60.0	1.5	2.0		24.0	
82	7723059	47.3460	-67.3205	0	0	1	14.0	20.0	62.0	410.0	2.52	17.0	80.0	1.0	2.0	2.2	24.0	
82	7723060	47.3270	-67.3135	0	0	1	24.0	16.0	51.0	290.0	2.39	13.0	59.0	1.0	2.0		24.0	
82	7723061	47.3315	-67.3115	0	0	2	11.0	26.0	51.0	60.0	.80	9.0	29.0	1.5	2.0		24.0	
82	7723062	47.2605	-67.2972	0	0	1	11.0	23.0	82.0	1000.0	2.65	19.0	75.0	1.0	2.0	1.8	12.0	
82	7723063	47.2640	-67.2962	0	0	1	13.0	19.0	75.0	360.0	2.52	10.0	81.0	1.0	2.0		20.0	
82	7723064	47.2677	-67.2970	0	0	1	9.0	26.0	84.0	720.0	2.31	17.0	77.0	1.0	2.0		20.0	
82	7723065	47.2702	-67.3005	0	0	2	15.0	45.0	64.0	880.0	2.33	15.0	53.0	1.0	2.0	3.7	8.0	
82	7723066	47.2735	-67.3027	0	0	1	9.0	23.0	71.0	690.0	2.40	16.0	79.0	1.0	2.0		16.0	
82	7723067	47.2772	-67.3020	0	0	1	10.0	19.0	66.0	280.0	2.22	15.0	78.0	1.0	2.0		20.0	
82	7723068	47.3730	-67.2520	0	0	1	11.0	37.0	60.0	3100.0	1.59	10.0	29.0	1.0	2.0	2.0		
82	7723069	47.3705	-67.2540	0	0	1	6.0	9.0	58.0	1500.0	1.56	10.0	38.0	1.0	2.0			
82	7723070	47.3684	-67.2555	0	0	1	6.0	19.0	63.0	950.0	1.61	11.0	35.0	1.0	2.0			
82	7723071	47.3656	-67.2577	0	0	1	6.0	9.0	60.0	1400.0	1.58	11.0	36.0	1.0	2.0	1.7		
82	7723072	47.3630	-67.2590	0	0	1	5.0	9.0	57.0	370.0	1.59	10.0	40.0	1.0	2.0			
82	7723073	47.3610	-67.2610	0	0	1	6.0	9.0	61.0	410.0	1.70	10.0	39.0	1.0	2.0			
82	7723074	47.3577	-67.2640	0	0	1	7.0	9.0	77.0	1100.0	2.25	14.0	57.0	1.0	2.0	1.7		
82	7723075	47.3550	-67.2670	0	0	1	6.0	9.0	64.0	1500.0	1.75	11.0	44.0	1.0	2.0			
82	7723076	47.3517	-67.2715	0	0	1	7.0	14.0	80.0	3500.0	2.25	13.0	49.0	1.0	2.0			
82	7723077	47.3515	-67.3150	0	0	1	10.0	17.0	70.0	570.0	2.42	11.0	62.0	.5	2.0			
82	7723078	47.3542	-67.3115	0	0	1	8.0	29.0	96.0	1400.0	2.72	14.0	69.0	.5	2.0			
82	7723079	47.3568	-67.3100	0	0	1	9.0	25.0	102.0	1700.0	3.06	16.0	76.0	1.0	2.0	1.8		
82	7723080	47.3595	-67.3080	0	0	1	6.0	21.0	75.0	2200.0	2.35	11.0	51.0	.5	2.0			
82	7723081	47.3620	-67.3055	0	0	1	10.0	25.0	61.0	920.0	2.33	14.0	55.0	.5	2.0			
82	7723082	47.3635	-67.3010	0	0	1	5.0	21.0	73.0	1100.0	2.00	10.0	53.0	.5	2.0	1.6		
82	7723083	47.3640	-67.2960	0	0	1	5.0	25.0	84.0	1500.0	2.23	11.0	57.0	.5	2.0			
82	7723084	47.3677	-67.2945	0	0	1	5.0	21.0	75.0	1300.0	1.92	9.0	45.0	.5	2.0			
82	7723085	47.3700	-67.2925	0	0	1	6.0	34.0	88.0	1100.0	2.64	13.0	72.0	.5	2.0	2.1		
82	7723086	47.3727	-67.2900	0	0	1	6.0	25.0	92.0	1600.0	2.50	12.0	73.0	.5	2.0			
82	7723087	47.2570	-67.2590	0	0	1	19.0	33.0	107.0	1300.0	2.67	19.0	62.0	1.0	2.0		12.0	
82	7723088	47.2603	-67.2550	0	0	1	15.0	29.0	108.0	1500.0	3.00	21.0	66.0	1.0			8.0	
82	7723089	47.2630	-67.2547	0	0	1	18.0	33.0	122.0	1100.0	3.05	21.0	67.0	1.0		3.2	8.0	
82	7723089	47.2630	-67.2547	0	0	1	18.0	33.0	122.0	1100.0	3.05	21.0	67.0	1.0		3.2	8.0	

21 O/6C
1. STATISTICS 1

```
 *************
 * COPPER    *                                MAXIMUM          35.0000000
 *************                                MINIMUM           5.0000000
                                              RANGE            30.0000000
VARIABLE NUMBER . . . . . . .      2          VARIANCE         38.5658264
NUMBER OF DISTINCT VALUES .       23          ST.DEV.           6.2101402
NUMBER OF VALUES COUNTED. .       89          (Q3-Q1)/2         3.5000000
NUMBER OF VALUES NOT COUNTED       0          MX.ST.SC.         3.57
                                              MN.ST.SC.        -1.26

LOCATION ESTIMATES                                 ST.ERROR
                  MEAN            12.8426962       0.6582736
                  MEDIAN          11.0000000       0.8660250
                  MODE             9.0000000
```

```
                     H
                     H                      EACH 'H'
                   HHHHH                   REPRESENTS
                   HHHHH                       2
                   HHHHH  H                 COUNT(S)
                   HHHHHH H  H
                   HHHHHH H  H
                   HHHHHHHHHHHHH  H
                 L-------------------U

            EACH '-' ABOVE =        2.0000
                         L=         2.0000
                         U=        40.0000
     CASE NO. OF MIN. VAL. =    72
     CASE NO. OF MAX. VAL. =     6

                                           Q1=      8.0000000
                  VALUE    VALUE/S.E.      Q3=     15.0000000
     SKEWNESS      1.08         4.10       S-=      6.6325560
     KURTOSIS      0.92         1.77       S+=     19.0528259

            EACH '.' BELOW =        0.2500
```

```
      S   Q                      Q               S
M     -   1  M     M     M       3               +                          M
I............O.....E.....E...............................................A
N            D     D     A                                                X
             E     I     N
```

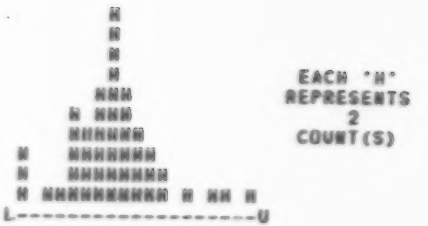
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
5.	4	4.5	4.5	11.	6	6.7	50.6	17.	2	2.2	78.7	24.	3	3.4	94.4
6.	8	9.0	13.5	12.	5	5.6	56.2	18.	4	4.5	83.1	25.	2	2.2	96.6
7.	6	6.7	20.2	13.	6	6.7	62.9	19.	3	3.4	86.5	27.	1	1.1	97.8
8.	5	5.6	25.8	14.	6	6.7	69.7	21.	2	2.2	88.8	29.	1	1.1	98.9
9.	9	10.1	36.0	15.	5	5.6	75.3	22.	1	1.1	89.9	35.	1	1.1	100.0
10.	7	7.9	43.8	16.	1	1.1	76.4	23.	1	1.1	91.0				

LEAD

VARIABLE NUMBER	3	MAXIMUM	58.0000000
NUMBER OF DISTINCT VALUES	25	MINIMUM	9.0000000
NUMBER OF VALUES COUNTED	89	RANGE	44.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	64.4306946
		ST.DEV.	8.0268736
		(Q3-Q1)/2	3.5000000
		MX.ST.SC.	3.42
		MN.ST.SC.	-2.06

LOCATION ESTIMATES

		ST.ERROR
MEAN	25.5617828	0.8508469
MEDIAN	25.0000000	0.2886752
MODE	25.0000000	



EACH '-' ABOVE = 2.5000
L= 7.5000
U= 55.0000

CASE NO. OF MIN. VAL. = 69
CASE NO. OF MAX. VAL. = 40

	VALUE	VALUE/S.E.
SKEWNESS	0.46	1.78
KURTOSIS	1.54	2.96

Q1= 22.0000000
Q3= 29.0000000
S-= 17.5348969
S+= 33.5886536

EACH '.' BELOW = 0.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
9.	6	6.7	6.7	21.	4	4.5	24.7	30.	1	1.1	77.5	40.	2	2.2	96.6
14.	1	1.1	7.9	22.	3	3.4	28.1	31.	4	4.5	82.0	45.	1	1.1	97.8
16.	1	1.1	9.0	23.	11	12.4	40.4	32.	2	2.2	84.3	49.	1	1.1	98.9
17.	1	1.1	10.1	25.	12	13.5	53.9	33.	4	4.5	88.8	58.	1	1.1	100.0
18.	3	3.4	13.5	26.	8	9.0	62.9	34.	2	2.2	91.0				
19.	4	4.5	18.0	28.	9	10.1	73.0	35.	1	1.1	92.1				
20.	2	2.2	20.2	29.	3	3.4	76.4	37.	2	2.2	94.4				

PAGE 4 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7723 21 O/6C

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************
* ZINC     *
************

VARIABLE NUMBER . . . . . .        4      MAXIMUM       122.0000000
NUMBER OF DISTINCT VALUES .       49      MINIMUM        45.0000000
NUMBER OF VALUES COUNTED. .       89      RANGE          77.0000000
NUMBER OF VALUES NOT COUNTED       0      VARIANCE      336.2248535
                                          ST.DEV.        18.3364410
                                          (Q3-Q1)/2      14.0000000
                                          MX.ST.SC.       2.43
                                          MN.ST.SC.      -1.77

LOCATION ESTIMATES                                ST.ERROR
                  MEAN          77.4382019       1.9435580
                  MEDIAN        74.0000000       2.0867521
                  MODE          63.0000000
```

```
      H
      H                           EACH 'H'
      H H                        REPRESENTS
      H H H                           2
     HH HHH  H                     COUNT(S)
     HHHHHHHHH H
    HHHHHHHHHHHH   H
  HHHHHHHHHHHHHHHHHH
L-------------------U

EACH '-' ABOVE =        5.0000
            L=         35.0000
            U=        129.9999
CASE NO. OF MIN. VAL. =   58
CASE NO. OF MAX. VAL. =   89

                                                       Q1=   63.0000000
                        VALUE     VALUE/S.E.           Q3=   91.0000000
SKEWNESS                0.57          2.19             S-=   59.1017609
KURTOSIS               -0.45         -0.86             S+=   95.7746429

                                EACH '.' BELOW =        0.7500
```

```
                     S  Q           M  M              Q     S                                M
 M                   -  M           E  E              3     +                                M
 I......................O...........E..E........................................................A
 N                      D           D  A                                                       X
                        E           I  N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
45.	1	1.1	1.1	65.	1	1.1	33.7	82.	2	2.2	64.0	101.	1	1.1	88.8
47.	1	1.1	2.2	66.	1	1.1	34.8	84.	4	4.5	68.5	102.	1	1.1	89.9
51.	3	3.4	5.6	68.	2	2.2	37.1	85.	1	1.1	69.7	104.	1	1.1	91.0
55.	1	1.1	6.7	69.	1	1.1	38.2	87.	1	1.1	70.8	107.	1	1.1	92.1
56.	1	1.1	7.9	70.	4	4.5	42.7	88.	2	2.2	73.0	108.	1	1.1	93.3
57.	1	1.1	9.0	71.	1	1.1	43.8	89.	1	1.1	74.2	109.	1	1.1	94.4
58.	4	4.5	13.5	72.	1	1.1	44.9	91.	3	3.4	77.5	111.	1	1.1	95.5
59.	1	1.1	14.6	73.	4	4.5	49.4	92.	3	3.4	80.9	119.	1	1.1	96.6
60.	2	2.2	16.9	74.	1	1.1	50.6	94.	1	1.1	82.0	120.	2	2.2	98.9
61.	4	4.5	21.3	75.	4	4.5	55.1	96.	1	1.1	83.1	122.	1	1.1	100.0
62.	2	2.2	23.6	77.	3	3.4	58.4	98.	1	1.1	84.3				
63.	5	5.6	29.2	80.	2	2.2	60.7	99.	1	1.1	85.4				
64.	3	3.4	32.6	81.	1	1.1	61.8	100.	2	2.2	87.6				

PAGE 5 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7723 21 O/6C

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************
* MANGANES *
************
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VARIABLE NUMBER	5	MAXIMUM	8100.0000000
NUMBER OF DISTINCT VALUES .	61	MINIMUM	60.0000000
NUMBER OF VALUES COUNTED. .	89	RANGE	8040.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	1632298.0000000
		ST.DEV.	1277.6145020
		(Q3-Q1)/2	455.0000000
		MX.ST.SC.	5.32
		MN.ST.SC.	-0.97

LOCATION ESTIMATES

		ST.ERROR
MEAN	1304.6066895	135.4268646
MEDIAN	950.0000000	63.5085602
MODE	1500.0000000	

```
 H
 H
 H                    EACH 'H'
 H                   REPRESENTS
HHH                       4
HHH                   COUNT(S)
HHH
HHHH
HHHHHHHHH      H H
L-------------------U
```

EACH '-' ABOVE = 500.0000
L= 0.0
U= 9500.0000
CASE NO. OF MIN. VAL. = 61
CASE NO. OF MAX. VAL. = 41

	VALUE	VALUE/S.E.	
			Q1= 590.0000000
			Q3= 1500.0000000
SKEWNESS	3.09	11.91	S-= 26.9921875
KURTOSIS	11.91	22.93	S+= 2582.2211914

EACH '.' BELOW = 75.0000

```
S     Q          Q          S
M     1    M    M M        +                                                                  M
I..........E....E.O.........................................................................A
N          D    A D                                                                          X
           I    N E
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
60.	1	1.1	1.1	560.	1	1.1	22.5	930.	1	1.1	48.3	2100.	1	1.1	86.5
170.	1	1.1	2.2	570.	1	1.1	23.6	940.	1	1.1	49.4	2200.	1	1.1	87.6
220.	1	1.1	3.4	580.	1	1.1	24.7	950.	2	2.2	51.7	2300.	1	1.1	88.8
280.	1	1.1	4.5	590.	1	1.1	25.8	960.	2	2.2	53.9	2600.	1	1.1	89.9
290.	1	1.1	5.6	630.	1	1.1	27.0	970.	1	1.1	55.1	2700.	1	1.1	91.0
340.	1	1.1	6.7	640.	2	2.2	29.2	990.	1	1.1	56.2	3000.	1	1.1	92.1
350.	1	1.1	7.9	650.	1	1.1	30.3	1000.	2	2.2	58.4	3100.	1	1.1	93.3
360.	1	1.1	9.0	690.	1	1.1	31.5	1100.	4	4.5	62.9	3300.	1	1.1	94.4
370.	1	1.1	10.1	700.	1	1.1	32.6	1200.	1	1.1	64.0	3500.	1	1.1	95.5
410.	2	2.2	12.4	720.	3	3.4	36.0	1300.	4	4.5	68.5	3800.	1	1.1	96.6
440.	1	1.1	13.5	750.	2	2.2	38.2	1400.	2	2.2	70.8	4200.	1	1.1	97.8
450.	1	1.1	14.6	840.	1	1.1	39.3	1500.	8	9.0	79.8	7200.	1	1.1	98.9
470.	2	2.2	16.9	860.	1	1.1	40.4	1600.	1	1.1	80.9	8100.	1	1.1	100.0
480.	2	2.2	19.1	880.	3	3.4	43.8	1700.	2	2.2	83.1				
490.	1	1.1	20.2	900.	1	1.1	44.9	1800.	1	1.1	84.3				
530.	1	1.1	21.3	920.	2	2.2	47.2	1900.	1	1.1	85.4				

****
* IRONPCNT *
****

		MAXIMUM	5.1299992
		MINIMUM	0.5599999
		RANGE	4.5699987
VARIABLE NUMBER	6	VARIANCE	0.6351610
NUMBER OF DISTINCT VALUES .	75	ST.DEV.	0.7969700
NUMBER OF VALUES COUNTED. .	89	(Q3-Q1)/2	0.3449998
NUMBER OF VALUES NOT COUNTED	0	MX.ST.SC.	3.28
		MN.ST.SC.	-2.46

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.5177469	0.0844786
MEDIAN	2.5699997	0.0779424
MODE	NOT UNIQUE	

```
                    H
                    H
                   HHH            EACH 'H'
                   HHHH          REPRESENTS
                   HHHH              2
                  HHHHH           COUNT(S)
                  H HHHH
 HH  HHHHHHHHHH
 HHH HHHHHHHHHHH H H
L-------------------U
```

EACH '-' ABOVE = 0.2500
L= 0.5000
U= 5.2500
CASE NO. OF MIN. VAL. = 3
CASE NO. OF MAX. VAL. = 42

	VALUE	VALUE/S.E.
SKEWNESS	-0.02	-0.09
KURTOSIS	1.30	2.50

Q1= 2.2299995
Q3= 2.9199991
S-= 1.7207766
S+= 3.3147163

EACH '.' BELOW = 0.0500

```
M          S     Q     MM    Q     S
I..........-.....1.....EE....3.....+..........M
N                      AD                    A
                       NI                    X
```

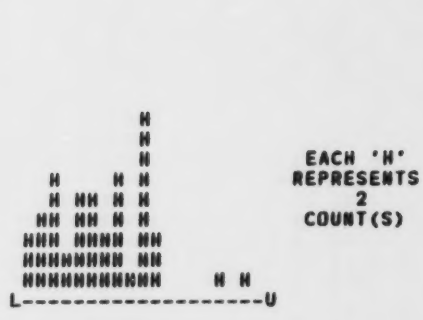
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.5600	1	1.1	1.1	2.1800	1	1.1	23.6	2.6500	1	1.1	55.1	3.0600	1	1.1	80.9
0.6900	1	1.1	2.2	2.1900	1	1.1	24.7	2.6600	1	1.1	56.2	3.0700	1	1.1	82.0
0.7000	1	1.1	3.4	2.2300	2	2.2	27.0	2.6700	1	1.1	57.3	3.1000	1	1.1	83.1
0.8100	1	1.1	4.5	2.2400	1	1.1	28.1	2.6800	1	1.1	58.4	3.1100	1	1.1	84.3
0.8200	1	1.1	5.6	2.2500	2	2.2	30.3	2.7000	1	1.1	59.6	3.1400	1	1.1	85.4
0.8700	1	1.1	6.7	2.2600	2	2.2	32.6	2.7200	1	1.1	60.7	3.1500	1	1.1	86.5
1.0700	1	1.1	7.9	2.3200	1	1.1	33.7	2.7300	1	1.1	61.8	3.1600	1	1.1	87.6
1.5700	1	1.1	9.0	2.3400	2	2.2	36.0	2.7500	2	2.2	64.0	3.2300	1	1.1	88.8
1.5900	1	1.1	10.1	2.3600	1	1.1	37.1	2.7600	1	1.1	65.2	3.3000	1	1.1	89.9
1.6000	2	2.2	12.4	2.4000	2	2.2	39.3	2.7900	1	1.1	66.3	3.3100	1	1.1	91.0
1.6200	1	1.1	13.5	2.4100	1	1.1	40.4	2.8100	1	1.1	67.4	3.3600	1	1.1	92.1
1.7100	1	1.1	14.6	2.4300	1	1.1	41.6	2.8200	1	1.1	68.5	3.5400	1	1.1	93.3
1.7600	1	1.1	15.7	2.4900	1	1.1	42.7	2.8300	2	2.2	70.8	3.6400	1	1.1	94.4
1.8100	1	1.1	16.9	2.5000	2	2.2	44.9	2.8400	1	1.1	71.9	3.6600	1	1.1	95.5
1.9300	1	1.1	18.0	2.5300	2	2.2	47.2	2.8700	2	2.2	74.2	3.9600	1	1.1	96.6
1.9400	1	1.1	19.1	2.5400	1	1.1	48.3	2.9200	1	1.1	75.3	4.0500	1	1.1	97.8
2.0000	1	1.1	20.2	2.5500	1	1.1	49.4	2.9300	1	1.1	76.4	4.6400	1	1.1	98.9
2.0500	1	1.1	21.3	2.5700	2	2.2	51.7	3.0000	2	2.2	78.7	5.1300	1	1.1	100.0
2.0700	1	1.1	22.5	2.6200	2	2.2	53.9	3.0100	1	1.1	79.8				

****
* COBALT *
****

VARIABLE NUMBER	7	MAXIMUM	34.0000000
NUMBER OF DISTINCT VALUES .	17	MINIMUM	9.0000000
NUMBER OF VALUES COUNTED. .	89	RANGE	25.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	24.8978119
		ST.DEV.	4.9897709
		(Q3-Q1)/2	4.5000000
		MX.ST.SC.	3.48
		MN.ST.SC.	-1.53

LOCATION ESTIMATES

		ST.ERROR
MEAN	16.6179657	0.5289146
MEDIAN	16.0000000	0.5773506
MODE	19.0000000	

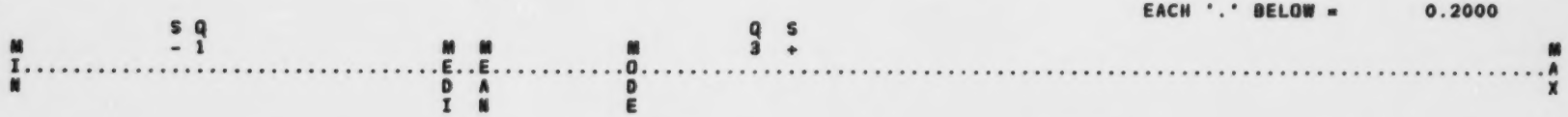


EACH '-' ABOVE = 1.5000
L= 7.5000
U= 36.0000
CASE NO. OF MIN. VAL. = 38
CASE NO. OF MAX. VAL. = 16

	VALUE	VALUE/S.E.
SKEWNESS	0.45	1.75
KURTOSIS	0.32	0.62

Q1= 12.0000000
Q3= 21.0000000
S-= 11.6281948
S+= 21.6077271

EACH '.' BELOW = 0.2000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
9.	5	5.6	5.6	14.	6	6.7	36.0	19.	10	11.2	70.8	30.	1	1.1	98.9
10.	7	7.9	13.5	15.	4	4.5	40.4	20.	2	2.2	73.0	34.	1	1.1	100.0
11.	8	9.0	22.5	16.	9	10.1	50.6	21.	8	9.0	82.0				
12.	3	3.4	25.8	17.	6	6.7	57.3	22.	9	10.1	92.1				
13.	3	3.4	29.2	18.	2	2.2	59.6	23.	5	5.6	97.8				

```
*************
* NICKEL    *
*************
                                                     MAXIMUM       124.0000000
                                                     MINIMUM        13.0000000
                                                     RANGE         111.0000000
VARIABLE NUMBER . . . . . .            8             VARIANCE      626.8559570
NUMBER OF DISTINCT VALUES .           59             ST.DEV.        25.0370941
NUMBER OF VALUES COUNTED. .           89             (Q3-Q1)/2      15.0000000
NUMBER OF VALUES NOT COUNTED           0             MX.ST.SC.       2.34
                                                     MN.ST.SC.      -2.09

LOCATION ESTIMATES                                         ST.ERROR
                       MEAN             65.4044800        2.6539259
                       MEDIAN           65.0000000        2.8867521
                       MODE             NOT UNIQUE
```

```
            H              EACH 'H'
           H H             REPRESENTS
           HHHH                2
         H HHHH            COUNT(S)
        HHHHHHHH
     HHHHHHHHHHHHH
   HHHHHHHHHHHHHHHH
 L------------------U

        EACH '-' ABOVE =        7.5000
                    L=          0.0
                    U=        142.4999
CASE NO. OF MIN. VAL. =   40
CASE NO. OF MAX. VAL. =   32

                                              Q1=   50.0000000
            VALUE    VALUE/S.E.               Q3=   80.0000000
SKEWNESS     0.18         0.70                S-=   40.3673059
KURTOSIS    -0.31        -0.59                S+=   90.4415741

                EACH '.' BELOW =      1.0000
```

```
M                         S       Q         M              Q                               M
I.........................-.......1.........E..............3...............................A
N                                           A                                              X
                                            N
```

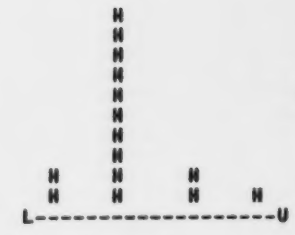
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
13.	1	1.1	1.1	49.	1	1.1	24.7	67.	1	1.1	55.1	85.	1	1.1	80.9
17.	2	2.2	3.4	50.	1	1.1	25.8	69.	2	2.2	57.3	86.	2	2.2	83.1
19.	1	1.1	4.5	51.	1	1.1	27.0	70.	1	1.1	58.4	88.	1	1.1	84.3
25.	1	1.1	5.6	52.	1	1.1	28.1	71.	2	2.2	60.7	90.	1	1.1	85.4
29.	2	2.2	7.9	53.	2	2.2	30.3	72.	3	3.4	64.0	92.	1	1.1	86.5
33.	1	1.1	9.0	54.	1	1.1	31.5	73.	1	1.1	65.2	94.	1	1.1	87.6
34.	2	2.2	11.2	55.	3	3.4	34.8	75.	1	1.1	66.3	95.	1	1.1	88.8
35.	1	1.1	12.4	57.	3	3.4	38.2	76.	2	2.2	68.5	100.	3	3.4	92.1
36.	2	2.2	14.6	59.	1	1.1	39.3	77.	2	2.2	70.8	108.	1	1.1	93.3
38.	2	2.2	16.9	60.	1	1.1	40.4	78.	1	1.1	71.9	109.	1	1.1	94.4
39.	1	1.1	18.0	61.	3	3.4	43.8	79.	2	2.2	74.2	112.	1	1.1	95.5
40.	2	2.2	20.2	62.	3	3.4	47.2	80.	1	1.1	75.3	115.	1	1.1	96.6
44.	1	1.1	21.3	63.	1	1.1	48.3	81.	2	2.2	77.5	117.	1	1.1	97.8
45.	1	1.1	22.5	65.	2	2.2	50.6	82.	1	1.1	78.7	124.	2	2.2	100.0
48.	1	1.1	23.6	66.	3	3.4	53.9	83.	1	1.1	79.8				

****
* SILVER *
****

VARIABLE NUMBER	9	MAXIMUM	2.0000000
NUMBER OF DISTINCT VALUES .	4	MINIMUM	0.5000000
NUMBER OF VALUES COUNTED. .	89	RANGE	1.5000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0847164
		ST.DEV.	0.2910610
		(Q3-Q1)/2	0.0
		MX.ST.SC.	3.36
		MN.ST.SC.	-1.80

LOCATION ESTIMATES

		ST.ERROR
MEAN	1.0224714	0.0308524
MEDIAN	1.0000000	0.0
MODE	1.0000000	



EACH '-' ABOVE = 0.1000
L= 0.3000
U= 2.2000

CASE NO. OF MIN. VAL. = 9
CASE NO. OF MAX. VAL. = 3

	VALUE	VALUE/S.E.
SKEWNESS	0.68	2.63
KURTOSIS	2.04	3.92

Q1= 1.0000000
Q3= 1.0000000
S-= 0.7314104
S+= 1.3135319

EACH '.' BELOW = 0.0150

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.5000	11	12.4	12.4	1.0000	65	73.0	85.4	1.5000	11	12.4	97.8	2.0000	2	2.2	100.0

****
* MOLYBDEN *
****

VARIABLE NUMBER	10	MAXIMUM	2.0000000
NUMBER OF DISTINCT VALUES .	1	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	87	RANGE	0.0
NUMBER OF VALUES NOT COUNTED	2	VARIANCE	0.0
		ST.DEV.	0.0
		(Q3-Q1)/2	0.0
		MX.ST.SC.	0.0
		MN.ST.SC.	0.0

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0000000	0.0
MEDIAN	2.0000000	0.0
MODE	2.0000000	

EACH 'H' REPRESENTS 9 COUNT(S)

EACH '-' ABOVE = 0.0
L= 2.0000
U= 2.0000

CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 1

	VALUE	VALUE/S.E.
SKEWNESS	0.0	0.0
KURTOSIS	0.0	0.0

Q1= 2.0000000
Q3= 2.0000000
S-= 2.0000000
S+= 2.0000000

VALUE	COUNT	PERCENTS CELL	CUM
2.	87	100.0	100.0

PAGE 11 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7723 21 O/6C

```
************
* URANIUM  *
************

VARIABLE NUMBER . . . . . .        11
NUMBER OF DISTINCT VALUES .        12
NUMBER OF VALUES COUNTED. .        28
NUMBER OF VALUES NOT COUNTED       61

                                  MAXIMUM        6.7999992
                                  MINIMUM        1.2999992
                                  RANGE          5.5000000
                                  VARIANCE       1.0275650
                                  ST.DEV.        1.0136890
                                  (Q3-Q1)/2      0.2249999
                                  MX.ST.SC.      4.47
                                  MN.ST.SC.     -0.95

LOCATION ESTIMATES                                ST.ERROR
                MEAN            2.2642832         0.1915692
                MEDIAN          1.9499998         0.0866026
                MODE            1.8999996

                                                                                  H
                                                                                  H
                                                                                  H
                                                                                  H
                                                                                 HHH
                                                                                 HHH
                                                                                 HHH
                                                                                 HHH
                                                                                 HHHH
                                                                                HHHHH  HH          H
                                                                               L-------------------U

                                                                                EACH 'H'
                                                                                REPRESENTS
                                                                                    1
                                                                                COUNT(S)

                                                                   EACH '-' ABOVE =        0.3000
                                                                                L=         1.2000
                                                                                U=         6.9000
                                                                CASE NO. OF MIN. VAL. =    41
                                                                CASE NO. OF MAX. VAL. =     5

                                                                                        Q1=     1.8499994
                                                                   VALUE   VALUE/S.E.   Q3=     2.2999992
                                                   SKEWNESS         3.29        7.10   S-=     1.2505941
                                                   KURTOSIS        11.59       12.52   S+=     3.2779722

                                                                   EACH '.' BELOW =        0.0500

     S          Q        Q                  S                                                          M
     -M         1MM      M3                 +                                                          A
     .I..........OE.....E.......................................................................................X
      N          DD      A
                 EI      N
```

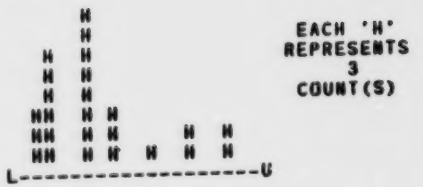
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.300	1	3.6	3.6	1.800	4	14.3	25.0	2.200	2	7.1	67.9	3.300	1	3.6	92.9
1.600	1	3.6	7.1	1.900	7	25.0	50.0	2.300	4	14.3	82.1	3.800	1	3.6	96.4
1.700	1	3.6	10.7	2.000	3	10.7	60.7	2.400	2	7.1	89.3	6.800	1	3.6	100.0

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	24.0000000
NUMBER OF DISTINCT VALUES .	7	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	69	RANGE	22.0000000
NUMBER OF VALUES NOT COUNTED	20	VARIANCE	38.5847931
		ST.DEV.	6.2116671
		(Q3-Q1)/2	4.0000000
		MX.ST.SC.	2.46
		MN.ST.SC.	-1.08

LOCATION ESTIMATES

		ST.ERROR
MEAN	8.7246370	0.7477968
MEDIAN	8.0000000	0.0
MODE	8.0000000	



EACH '-' ABOVE = 1.5000
L= 0.0
U= 28.5000

CASE NO. OF MIN. VAL. = 8
CASE NO. OF MAX. VAL. = 57

	VALUE	VALUE/S.E.
SKEWNESS	1.19	4.04
KURTOSIS	0.58	0.98

Q1= 4.0000000
Q3= 12.0000000
S-= 2.5129700
S+= 14.9363041

EACH '.' BELOW = 0.2000

VALUE	COUNT	PERCENTS CELL	CUM
2.	9	13.0	13.0
4.	17	24.6	37.7
8.	24	34.8	72.5
12.	9	13.0	85.5
16.	1	1.4	87.0
20.	4	5.8	92.8
24.	5	7.2	100.0

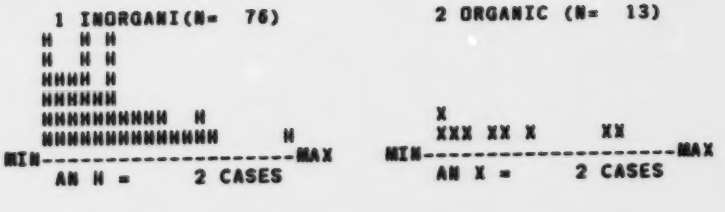
21 O/6C
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.17	0.8669	14.8
T (POOLED)	-0.19	0.8463	87
F(FOR VARIANCES) LEVENE	0.81	0.3719	1, 87

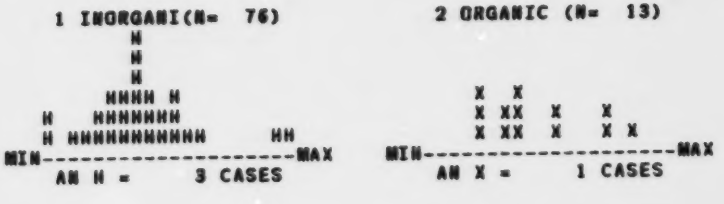
GROUP	1 INORGANI	2 ORGANIC
MEAN	12.7894	13.1538
STD DEV	6.0361	7.4145
S.E.M.	0.6924	2.0564
SAMPLE SIZE	76	13
MAXIMUM	35.0000	29.0000
MINIMUM	5.0000	7.0000



****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.10	0.2863	15.2
T (POOLED)	-1.23	0.2234	87
F(FOR VARIANCES) LEVENE	1.56	0.2157	1, 87

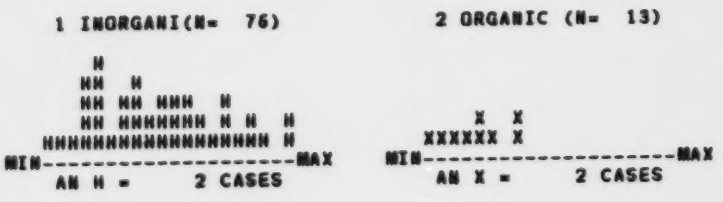
GROUP	1 INORGANI	2 ORGANIC
MEAN	25.1313	28.0769
STD DEV	7.8235	9.0504
S.E.M.	0.8974	2.5101
SAMPLE SIZE	76	13
MAXIMUM	53.0000	45.0000
MINIMUM	9.0000	18.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	5.47	0.0000	36.2
T (POOLED)	3.29	0.0014	87
F(FOR VARIANCES) LEVENE	9.49	0.0028	1, 87

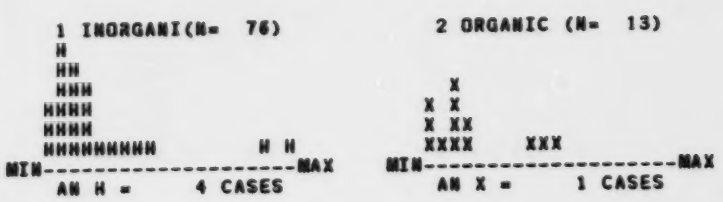
GROUP	1 INORGANI	2 ORGANIC
MEAN	79.9471	62.7692
STD DEV	18.4288	8.3681
S.E.M.	2.1139	2.3209
SAMPLE SIZE	76	13
MAXIMUM	122.0000	74.0000
MINIMUM	45.0000	47.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.53	0.6025	15.7
T (POOLED)	-0.56	0.5742	87
F(FOR VARIANCES) LEVENE	1.05	0.3082	1, 87

GROUP	1 INORGANI	2 ORGANIC
MEAN	1272.8906	1489.9993
STD DEV	1266.9771	1376.1021
S.E.M.	145.3322	381.6841
SAMPLE SIZE	76	13
MAXIMUM	8100.0000	4200.0000
MINIMUM	170.0000	60.0000

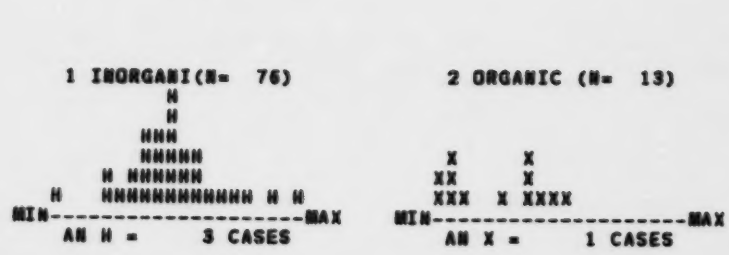


DIFFERENCES ON SINGLE VARIABLES

**** IRON **** VARIABLE NUMBER 7

STATISTICS		P-VALUE	DF
T (SEPARATE)	3.96	0.0013	14.7
T (POOLED)	4.69	0.0000	87
F(FOR VARIANCES) LEVENE	4.71	0.0327	1, 87

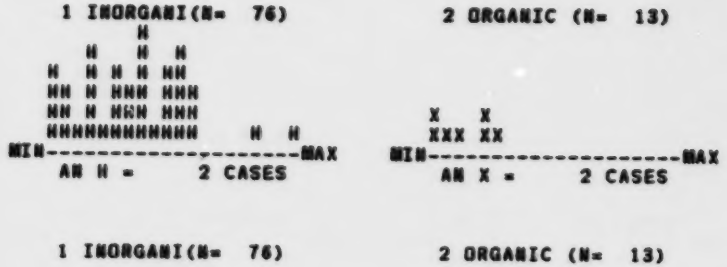
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.6650	1.6569
STD DEV	0.6078	0.8726
S.E.M.	0.0789	0.2420
SAMPLE SIZE	76	13
MAXIMUM	5.1300	2.9300
MINIMUM	0.7000	0.6600



**** COBALT **** VARIABLE NUMBER 8

STATISTICS		P-VALUE	DF
T (SEPARATE)	5.32	0.0000	27.4
T (POOLED)	3.59	0.0005	87
F(FOR VARIANCES) LEVENE	3.99	0.0490	1, 87

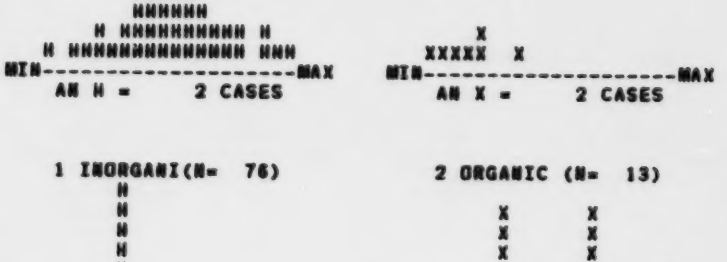
GROUP	1 INORGANI	2 ORGANIC
MEAN	17.3550	12.3077
STD DEV	4.9225	2.7503
S.E.M.	0.5647	0.7628
SAMPLE SIZE	76	13
MAXIMUM	34.0000	16.0000
MINIMUM	9.0000	9.0000



**** NICKEL **** VARIABLE NUMBER 9

STATISTICS		P-VALUE	DF
T (SEPARATE)	9.07	0.0	29.8
T (POOLED)	5.90	0.0000	87
F(FOR VARIANCES) LEVENE	4.12	0.0454	1, 87

GROUP	1 INORGANI	2 ORGANIC
MEAN	70.9076	33.2307
STD DEV	22.4339	11.7556
S.E.M.	2.5733	3.2604
SAMPLE SIZE	76	13
MAXIMUM	124.0000	53.0000
MINIMUM	13.0000	17.0000



**** SILVER **** VARIABLE NUMBER 10

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.71	0.0178	13.2
T (POOLED)	-4.16	0.0001	87
F(FOR VARIANCES) LEVENE	16.14	0.0001	1, 87

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.9737	1.3077
STD DEV	0.2294	0.4349
S.E.M.	0.0263	0.1206
SAMPLE SIZE	76	13
MAXIMUM	1.5000	2.0000
MINIMUM	0.5000	0.5000

DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	85
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 85

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0000	2.0000
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	74	13
MAXIMUM	2.0000	2.0000
MINIMUM	2.0000	2.0000

1 INORGANI(N= 74)

```
H
H
H
H
H
H
MIN--------------------MAX
```

AN H = 13 CASES

2 ORGANIC (N= 13)

```
X
X
X
X
X
X
MIN--------------------MAX
```

AN X = 3 CASES

****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.23	0.3064	3.0
T (POOLED)	-3.08	0.0048	26
F(FOR VARIANCES)			
LEVENE	33.73	0.0000	1, 26

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0542	3.5250
STD DEV	0.3718	2.3908
S.E.M.	0.0759	1.1954
SAMPLE SIZE	24	4
MAXIMUM	3.3000	6.8000
MINIMUM	1.3000	1.6000

1 INORGANI(N= 24)

```
 H
 H
HHH
HHH
HHHHH  H
MIN--------------------MAX
```

AN H = 2 CASES

2 ORGANIC (N= 4)

```
XX      X         X
MIN--------------------MAX
```

AN X = 2 CASES

****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.51	0.6137	16.4
T (POOLED)	0.56	0.5752	67
F(FOR VARIANCES)			
LEVENE	0.22	0.6433	1, 67

GROUP	1 INORGANI	2 ORGANIC
MEAN	8.9286	7.8462
STD DEV	6.0659	6.9982
S.E.M.	0.8106	1.9409
SAMPLE SIZE	56	13
MAXIMUM	24.0000	24.0000
MINIMUM	2.0000	2.0000

1 INORGANI(N= 56)

```
   H
   H
 H H
 H H
HH H   H
HH H   H  H  H  H
MIN--------------------MAX
```

AN H = 4 CASES

2 ORGANIC (N= 13)

```
 X
XX  X
XX  X
XX  X  X     X  X
MIN--------------------MAX
```

AN X = 1 CASES

****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	87
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 87

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	76	13
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0

1 INORGANI(N= 76)

```
H
H
H
H
H
H
MIN--------------------MAX
```

AN H = 13 CASES

2 ORGANIC (N= 13)

```
X
X
X
X
X
X
MIN--------------------MAX
```

AN X = 3 CASES

NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.869 SECONDS

21 O/6D

1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7724 21 0/60

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7724001	47.2555	-67.4762	0	0	1	10.0	31.0	78.0	460.0	1.98	13.0	58.0	1.0	2.0			
82	7724002	47.2588	-67.4762	0	0	1	15.0	31.0	93.0	610.0	2.40	14.0	58.0	1.0	2.0	2.2		
82	7724003	47.2590	-67.4788	0	0	1	23.0	40.0	57.0	760.0	1.20	8.0	27.0	1.0	2.0			
82	7724004	47.2613	-67.4800	0	0	1	13.0	31.0	65.0	1200.0	1.81	12.0	52.0	1.0	2.0			
82	7724005	47.2644	-67.4820	0	0	1	13.0	31.0	70.0	840.0	2.06	14.0	65.0	1.0	2.0	2.1		
82	7724006	47.2638	-67.4725	0	0	1	16.0	49.0	116.0	1300.0	2.50	20.0	56.0	1.0	2.0			
82	7724007	47.2643	-67.4740	0	0	1	13.0	35.0	99.0	430.0	2.71	17.0	73.0	1.0	2.0			
82	7724008	47.2657	-67.4693	0	0	1	24.0	44.0	79.0	1800.0	2.97	17.0	76.0	1.0	2.0	2.5		
82	7724009	47.2677	-67.4660	0	0	1	15.0	44.0	74.0	2100.0	2.51	25.0	54.0	1.0	2.0			
82	7724010	47.2673	-67.4745	0	0	1	13.0	35.0	92.0	650.0	2.25	14.0	60.0	.5	2.0			
82	7724011	47.2700	-67.4740	0	0	1	13.0	27.0	74.0	690.0	2.15	14.0	50.0	1.0	2.0	2.3		
82	7724012	47.2720	-67.4730	0	0	1	10.0	27.0	76.0	610.0	1.75	12.0	45.0	1.0	2.0			
82	7724013	47.2743	-67.4710	0	0	1	12.0	22.0	78.0	540.0	2.19	14.0	53.0	1.0	2.0			
82	7724014	47.2745	-67.4690	0	0	1	10.0	27.0	65.0	340.0	1.92	12.0	55.0	1.0	2.0			
82	7724015	47.2765	-67.4247	0	0	1	9.0	22.0	66.0	410.0	1.80	11.0	51.0	1.0	2.0	3.0		
82	7724016	47.2787	-67.4713	0	0	1	8.0	22.0	55.0	370.0	1.70	11.0	47.0	1.0	2.0			
82	7724017	47.2815	-67.4724	0	0	1	10.0	22.0	58.0	340.0	1.83	11.0	54.0	1.0	2.0			
82	7724018	47.2845	-67.4710	0	0	1	14.0	26.0	50.0	330.0	2.25	18.0	57.0	1.0	2.0	2.3		
82	7724019	47.2873	-67.4708	0	0	1	18.0	30.0	78.0	950.0	1.87	13.0	38.0	1.0	2.0			
82	7724020	47.3350	-67.4796	0	0	1	49.0	36.0	96.0	1800.0	3.02	32.0	125.0	1.0	2.0			
82	7724021	47.3365	-67.4832	0	0	1	31.0	36.0	81.0	1800.0	2.97	28.0	131.0	1.0	2.0	3.7		
82	7724022	47.3348	-67.4920	0	0	1	16.0	18.0	51.0	240.0	2.25	10.0	92.0	1.0	2.0			
82	7724023	47.3350	-67.4935	0	0	1	16.0	14.0	45.0	200.0	1.59	5.0	82.0	1.0	2.0			
82	7724024	47.3370	-67.4890	0	0	1	17.0	27.0	67.0	280.0	2.71	9.0	102.0	1.0	2.0	2.5		
82	7724025	47.3375	-67.4865	0	0	1	58.0	32.0	83.0	1700.0	3.20	39.0	202.0	1.0	2.0			
82	7724026	47.3450	-67.4877	0	0	1	14.0	22.0	50.0	230.0	1.87	8.0	94.0	1.0	2.0			
82	7724027	47.3545	-67.4820	0	0	1	24.0	37.0	68.0	480.0	2.39	18.0	136.0	1.0	2.0	3.0		
82	7724028	47.3607	-67.4755	0	0	1	29.0	37.0	66.0	930.0	2.69	28.0	151.0	1.0	2.0			
82	7724029	47.3640	-67.4730	0	0	1	29.0	33.0	58.0	880.0	2.18	30.0	174.0	1.0	2.0			
82	7724030	47.3685	-67.4720	0	0	1	30.0	40.0	65.0	1100.0	2.51	41.0	207.0	1.0	2.0	4.0		
82	7724031	47.3730	-67.4735	0	0	1	19.0	29.0	64.0	430.0	1.51	21.0	141.0	1.0	2.0			
82	7724032	47.3732	-67.4655	0	0	1	42.0	48.0	81.0	1500.0	2.92	49.0	266.0	1.0	2.0			
82	7724033	47.3693	-67.4663	0	0	1	35.0	37.0	72.0	1200.0	2.27	35.0	234.0	1.0	2.0			
82	7724034	47.3678	-67.4683	0	0	1	36.0	62.0	64.0	2500.0	2.18	66.0	188.0	1.0	2.0	4.2		
82	7724035	47.3592	-67.4670	0	0	1	29.0	44.0	62.0	1400.0	2.73	20.0	75.0	1.0	2.0			
82	7724036	47.3575	-67.4713	0	0	1	28.0	40.0	81.0	1500.0	2.93	31.0	82.0	1.0	2.0			
82	7724037	47.3585	-67.4760	0	0	1	18.0	33.0	52.0	1300.0	2.32	14.0	37.0	1.0	2.0	2.1		
82	7724038	47.3518	-67.4855	0	0	1	21.0	18.0	58.0	560.0	2.08	15.0	117.0	1.0	2.0			
82	7724039	47.3495	-67.4890	0	0	1	23.0	54.0	63.0	580.0	2.66	15.0	115.0	1.0	2.0			
82	7724040	47.3508	-67.4900	0	0	1	22.0	14.0	54.0	210.0	2.22	8.0	80.0	1.0	2.0	2.3		
82	7724041	47.3535	-67.4911	0	0	1	39.0	22.0	35.0	240.0	1.50	7.0	117.0	1.0	2.0			
82	7724042	47.3483	-67.4680	0	0	1	23.0	27.0	64.0	650.0	2.53	15.0	68.0	1.0	2.0			
82	7724043	47.3444	-67.4660	0	0	1	9.0	18.0	45.0	200.0	1.64	9.0	38.0	.5	2.0			
82	7724044	47.3413	-67.4645	0	0	1	12.0	27.0	70.0	330.0	2.34	14.0	51.0	1.0	2.0	2.5		
82	7724045	47.3392	-67.4628	0	0	1	19.0	35.0	62.0	950.0	2.64	17.0	57.0	1.0	2.0			
82	7724046	47.3373	-67.4620	0	0	1	15.0	27.0	64.0	420.0	2.16	14.0	45.0	1.0	2.0			
82	7724047	47.3343	-67.4615	0	0	1	18.0	27.0	45.0	960.0	2.52	19.0	53.0	1.0	2.0	2.7		
82	7724048	47.3310	-67.4622	0	0	1	17.0	31.0	59.0	790.0	2.69	16.0	51.0	1.0	2.0			
82	7724049	47.3277	-67.4620	0	0	1	17.0	31.0	56.0	800.0	2.53	14.0	48.0	1.0	2.0			
82	7724050	47.3263	-67.4590	0	0	2	14.0	35.0	70.0	1600.0	1.40	17.0	27.0	1.0	2.0	1.7		

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7724 21 O/6D

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7724051	47.3277	-67.4550	0	0	1	14.0	31.0	59.0	400.0	2.32	13.0	52.0	1.0	2.0			
82	7724052	47.3308	-67.4540	0	0	1	9.0	35.0	68.0	370.0	1.81	11.0	49.0	1.0	2.0			
82	7724053	47.3332	-67.4540	0	0	1	7.0	31.0	59.0	540.0	1.50	12.0	43.0	.5	2.0	2.2		
82	7724054	47.3357	-67.4518	0	0	1	9.0	31.0	61.0	530.0	1.60	14.0	43.0	1.0	2.0			
82	7724055	47.3315	-67.4945	0	0	1	16.0	25.0	47.0	170.0	1.50	10.0	93.0	.5	2.0			
82	7724056	47.3250	-67.4958	0	0	1	18.0	42.0	51.0	19.0	1.01	7.0	86.0	.5	2.0	2.5		
82	7724057	47.3215	-67.4930	0	0	1	15.0	17.0	53.0	180.0	1.95	11.0	83.0	.5	2.0			
82	7724058	47.3182	-67.4925	0	0	1	19.0	21.0	57.0	190.0	2.62	13.0	100.0	.5	2.0			
82	7724059	47.3132	-67.4950	0	0	1	12.0	21.0	61.0	240.0	2.17	11.0	81.0	.5	2.0	2.7		
82	7724060	47.3155	-67.4980	0	0	1	40.0	42.0	100.0	1300.0	2.64	31.0	183.0	1.0	2.0			
82	7724061	47.3117	-67.4960	0	0	2	60.0	30.0	67.0	1400.0	2.26	19.0	238.0	1.0	2.0			
82	7724062	47.3100	-67.4980	0	0	1	14.0	34.0	62.0	300.0	2.53	13.0	92.0	.5	2.0	2.7		
82	7724063	47.3078	-67.4993	0	0	1	17.0	42.0	70.0	710.0	2.70	15.0	79.0	.5	2.0			
82	7724064	47.3095	-67.4955	0	0	1	15.0	17.0	84.0	480.0	2.65	17.0	69.0	.5	2.0			
82	7724065	47.3100	-67.4925	0	0	1	12.0	22.0	95.0	550.0	2.40	15.0	62.0	.5	2.0			
82	7724066	47.3113	-67.4890	0	0	1	13.0	17.0	83.0	470.0	2.33	14.0	58.0	.5	2.0	3.1		
82	7724067	47.3132	-67.4838	0	0	1	26.0	25.0	66.0	890.0	2.94	17.0	68.0	.5	2.0			
82	7724068	47.3110	-67.4803	0	0	1	12.0	17.0	105.0	780.0	2.75	16.0	70.0	.5	2.0			
82	7724069	47.3085	-67.4790	0	0	1	22.0	21.0	48.0	510.0	2.30	11.0	49.0	.5	2.0			
82	7724070	47.3132	-67.4730	0	0	1	11.0	17.0	83.0	620.0	2.56	16.0	69.0	.5	2.0	2.0		
82	7724071	47.3160	-67.4684	0	0	1	14.0	21.0	92.0	780.0	2.61	16.0	64.0	.5	2.0			
82	7724072	47.3195	-67.4655	0	0	1	12.0	25.0	87.0	920.0	2.54	15.0	62.0	.5	2.0			
82	7724073	47.3215	-67.4642	0	0	1	11.0	17.0	62.0	670.0	2.13	12.0	50.0	.5	2.0	2.2		
82	7724074	47.3240	-67.4630	0	0	1	11.0	21.0	69.0	550.0	2.40	10.0	59.0	.5	2.0			
82	7724075	47.3040	-67.4725	0	0	1	18.0	17.0	54.0	810.0	2.72	17.0	59.0	.5	2.0			
82	7724076	47.3010	-67.4696	0	0	2	9.0	25.0	27.0	34.0	.18	10.0	17.0	1.0	2.0			
82	7724077	47.2980	-67.4675	0	0	1	17.0	17.0	53.0	630.0	2.66	14.0	47.0	.5	2.0			
82	7724078	47.2985	-67.4990	0	0	1	20.0	25.0	66.0	5700.0	3.08	19.0	74.0	1.0	2.0			
82	7724079	47.3000	-67.4950	0	0	1	19.0	21.0	68.0	720.0	3.13	15.0	62.0	.5	2.0	3.3		
82	7724080	47.2940	-67.4993	0	0	1	28.0	50.0	33.0	630.0	.91	7.0	44.0	1.0	2.0			
82	7724081	47.2740	-67.4960	0	0	1	29.0	42.0	155.0	2200.0	3.11	23.0	105.0	1.0	2.0			
82	7724082	47.2767	-67.4902	0	0	1	37.0	59.0	265.0	5800.0	4.39	43.0	148.0	1.0	2.0	7.5		
82	7724083	47.2655	-67.4990	0	0	1	43.0	38.0	102.0	2100.0	3.25	25.0	98.0	1.0	2.0			
82	7724084	47.2645	-67.4957	0	0	1	41.0	46.0	148.0	2900.0	3.37	27.0	102.0	1.0	2.0			
82	7724085	47.2505	-67.4860	0	0	1	23.0	29.0	126.0	1600.0	2.86	17.0	66.0	1.0	2.0	4.1		
82	7724086	47.2513	-67.4545	0	0	1	12.0	21.0	101.0	430.0	2.52	16.0	77.0	.5	2.0			
82	7724087	47.2540	-67.4545	0	0	1	11.0	17.0	101.0	460.0	2.19	12.0	63.0	.5	2.0			
82	7724088	47.2568	-67.4550	0	0	1	14.0	21.0	117.0	1000.0	2.29	11.0	53.0	.5	2.0	3.7		
82	7724089	47.2590	-67.4550	0	0	1	17.0	25.0	93.0	840.0	2.60	16.0	59.0	.5	2.0			
82	7724090	47.2535	-67.4757	0	0	1	19.0	21.0	73.0	610.0	2.86	17.0	68.0	.5	2.0			
82	7724091	47.2514	-67.4740	0	0	1	11.0	21.0	85.0	470.0	2.36	13.0	64.0	.5	2.0	2.2		
82	7724092	47.3610	-67.4233	0	0	1	11.0	26.0	87.0	810.0	3.37	23.0	132.0	1.0	2.0		12.0	
82	7724093	47.3640	-67.4250	0	0	1	9.0	23.0	76.0	560.0	3.09	19.0	120.0	1.0	2.0		8.0	
82	7724094	47.3680	-67.4280	0	0	1	12.0	23.0	71.0	650.0	2.77	20.0	120.0	1.0	2.0	2.1	8.0	
82	7724095	47.3714	-67.4292	0	0	1	14.0	26.0	89.0	610.0	3.07	22.0	139.0	1.0	2.0		8.0	
82	7724096	47.3450	-67.3928	0	0	2	20.0	32.0	59.0	1100.0	1.51	14.0	43.0	2.0	2.0	3.8	4.0	
82	7724097	47.3425	-67.3925	0	0	2	17.0	26.0	76.0	1300.0	2.00	16.0	55.0	1.5	2.0		8.0	
82	7724098	47.3405	-67.3913	0	0	2	21.0	32.0	97.0	26300.0	2.44	15.0	44.0	2.0	2.0		8.0	
82	7724099	47.3375	-67.3903	0	0	2	23.0	26.0	28.0	650.0	.40	9.0	20.0	2.0	2.0	8.6	4.0	
82	7724100	47.3343	-67.3898	0	0	2	23.0	45.0	55.0	8800.0	3.61	23.0	35.0	2.0	2.0		8.0	

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MAP SHEET 7724 21 D/6D

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7724101	47.3335	-67.3915	0	0	1	15.0	29.0	71.0	550.0	2.96	21.0	107.0	1.5	2.0		4.0	
82	7724102	47.3307	-67.3882	0	0	1	18.0	29.0	67.0	570.0	2.48	21.0	104.0	1.5	2.0	2.8	4.0	
82	7724103	47.3283	-67.3873	0	0	1	17.0	29.0	76.0	570.0	2.89	23.0	114.0	1.5	2.0		4.0	
82	7724104	47.3250	-67.3860	0	0	1	18.0	29.0	79.0	730.0	2.96	22.0	116.0	1.5	2.0		8.0	
82	7724105	47.3223	-67.3868	0	0	1	17.0	29.0	74.0	570.0	3.18	23.0	124.0	1.5	2.0	2.3	4.0	
82	7724106	47.3192	-67.3842	0	0	1	16.0	26.0	80.0	600.0	2.69	19.0	103.0	1.0	2.0		8.0	
82	7724107	47.3155	-67.3818	0	0	1	19.0	29.0	83.0	600.0	2.82	19.0	111.0	1.0	2.0		4.0	
82	7724108	47.3137	-67.3805	0	0	1	16.0	29.0	91.0	840.0	3.04	20.0	106.0	1.0	2.0	2.5	4.0	
82	7724109	47.3108	-67.3768	0	0	1	18.0	29.0	76.0	580.0	2.63	19.0	102.0	1.0	2.0		8.0	
82	7724110	47.3093	-67.3755	0	0	1	18.0	29.0	87.0	640.0	3.09	22.0	124.0	1.5	2.0		8.0	
82	7724111	47.2745	-67.3788	0	0	2	7.0	16.0	40.0	140.0	1.43	11.0	36.0	.5	2.0		4.0	
82	7724112	47.2733	-67.3768	0	0	1	9.0	20.0	58.0	340.0	2.18	14.0	55.0	1.0	2.0	1.3	4.0	
82	7724113	47.2890	-67.4070	0	0	1	13.0	26.0	69.0	620.0	2.36	16.0	65.0	1.0	2.0		8.0	
82	7724114	47.2930	-67.4020	0	0	1	15.0	29.0	76.0	970.0	2.97	20.0	79.0	1.0	2.0		4.0	
82	7724115	47.2945	-67.3975	0	0	1	14.0	23.0	67.0	670.0	2.67	18.0	72.0	1.0	2.0		8.0	
82	7724116	47.3735	-67.4015	0	0	1	12.0	27.0	71.0	440.0	2.27	17.0	88.0	1.0	2.0		12.0	
82	7724117	47.3683	-67.3960	0	0	1	12.0	31.0	80.0	570.0	2.38	17.0	89.0	1.0	2.0	1.5	8.0	
82	7724118	47.3653	-67.3930	0	0	1	12.0	27.0	78.0	550.0	2.36	17.0	88.0	1.0	2.0		8.0	
82	7724119	47.3615	-67.3890	0	0	1	13.0	27.0	75.0	460.0	2.38	18.0	91.0	1.0	2.0		12.0	
82	7724120	47.3595	-67.3860	0	0	1	11.0	24.0	57.0	290.0	1.77	12.0	64.0	1.0	2.0	2.0	8.0	
82	7724121	47.3567	-67.3815	0	0	1	13.0	34.0	89.0	690.0	2.65	19.0	94.0	1.0	2.0		8.0	
82	7724122	47.3738	-67.4505	0	0	1	19.0	34.0	64.0	890.0	1.96	44.0	224.0	1.0	2.0		8.0	
82	7724123	47.3715	-67.4470	0	0	1	24.0	27.0	63.0	1200.0	1.28	35.0	226.0	1.0	2.0		8.0	
82	7724124	47.3690	-67.4465	0	0	1	13.0	27.0	54.0	370.0	1.81	12.0	74.0	1.0	2.0	2.7	8.0	
82	7724125	47.3685	-67.4505	0	0	1	26.0	34.0	92.0	850.0	2.95	32.0	119.0	1.0	2.0		12.0	
82	7724126	47.3705	-67.4540	0	0	1	32.0	34.0	99.0	1300.0	3.52	33.0	128.0	1.0	2.0		12.0	
82	7724127	47.3675	-67.4420	0	0	1	24.0	34.0	92.0	1500.0	2.68	45.0	176.0	1.0	2.0	3.8	12.0	
82	7724128	47.3660	-67.4370	0	0	1	13.0	31.0	78.0	1400.0	2.91	23.0	132.0	1.0	2.0		8.0	
82	7724129	47.3700	-67.4382	0	0	1	12.0	24.0	59.0	480.0	2.04	15.0	101.0	1.0	2.0		8.0	
82	7724130	47.3725	-67.4395	0	0	1	14.0	27.0	71.0	730.0	2.75	19.0	118.0	1.0	2.0	2.3	12.0	
82	7724131	47.3467	-67.4163	0	0	1	17.0	24.0	94.0	730.0	3.25	28.0	109.0	1.0	2.0		2.0	
82	7724132	47.3482	-67.4187	0	0	1	17.0	24.0	104.0	550.0	3.25	26.0	117.0	1.0	2.0		4.0	
82	7724133	47.3500	-67.4232	0	0	1	19.0	27.0	110.0	650.0	3.44	29.0	123.0	1.0	2.0	3.0	2.0	
82	7724134	47.3505	-67.4268	0	0	1	17.0	24.0	98.0	560.0	3.00	26.0	109.0	1.0	2.0		2.0	
82	7724135	47.3505	-67.4360	0	0	1	20.0	27.0	101.0	1100.0	3.03	29.0	113.0	1.0	2.0		2.0	
82	7724136	47.3505	-67.4400	0	0	1	33.0	33.0	121.0	1200.0	3.31	41.0	146.0	1.5	2.0	5.2	2.0	
82	7724137	47.3487	-67.4450	0	0	1	22.0	43.0	105.0	2600.0	3.30	45.0	129.0	1.0	2.0		2.0	
82	7724138	47.3490	-67.4505	0	0	1	30.0	40.0	121.0	2800.0	3.58	52.0	153.0	1.0	2.0		2.0	
82	7724139	47.3470	-67.4515	0	0	1	29.0	37.0	118.0	2200.0	3.47	45.0	146.0	1.0	2.0	4.1	2.0	
82	7724140	47.3520	-67.4388	0	0	1	18.0	31.0	86.0	1600.0	2.96	26.0	116.0	1.0	2.0		4.0	
82	7724141	47.3543	-67.4410	0	0	1	15.0	28.0	86.0	640.0	3.09	23.0	118.0	1.0	2.0		4.0	
82	7724142	47.3577	-67.4485	0	0	1	24.0	34.0	88.0	840.0	3.09	32.0	890.0	1.0	2.0	2.6	2.0	
82	7724143	47.3595	-67.4535	0	0	1	30.0	37.0	95.0	1200.0	3.25	39.0	114.0	1.0	2.0		2.0	
82	7724144	47.3620	-67.4490	0	0	1	41.0	46.0	144.0	3400.0	2.36	97.0	357.0	1.0	2.0		2.0	
82	7724145	47.3580	-67.4460	0	0	1	19.0	37.0	88.0	850.0	2.43	33.0	134.0	1.0	2.0	3.0	2.0	
82	7724146	47.3093	-67.4382	0	0	1	17.0	28.0	94.0	830.0	2.97	22.0	66.0	1.0	2.0		2.0	
82	7724147	47.3117	-67.4390	0	0	1	23.0	37.0	76.0	630.0	2.69	21.0	71.0	1.0	2.0		2.0	
82	7724148	47.3192	-67.4408	0	0	2	25.0	40.0	98.0	2000.0	3.80	29.0	99.0	1.0	2.0	3.5	2.0	
82	7724149	47.3150	-67.4372	0	0	2	68.0	71.0	86.0	2500.0	3.40	36.0	100.0	1.5	2.0		8.0	
82	7724150	47.3112	-67.4350	0	0	1	66.0	83.0	94.0	4700.0	4.52	81.0	114.0	1.5	2.0		8.0	

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MAP SHEET 7724 21 O/6D

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7724151	47.3093	-67.4330	0	0	1	21.0	34.0	94.0	850.0	2.90	24.0	69.0	1.0	2.0	5.1	4.0	
82	7724152	47.3080	-67.4300	0	0	1	23.0	34.0	94.0	770.0	2.86	22.0	73.0	1.0	2.0		4.0	
82	7724153	47.3060	-67.4265	0	0	1	20.0	28.0	91.0	870.0	2.51	20.0	74.0	1.0	2.0		8.0	
82	7724154	47.3040	-67.4250	0	0	1	16.0	21.0	86.0	500.0	2.47	20.0	73.0	1.0	2.0	2.8	8.0	
82	7724155	47.3028	-67.4222	0	0	1	16.0	21.0	80.0	440.0	2.38	19.0	69.0	1.0	2.0		8.0	
82	7724156	47.3015	-67.4207	0	0	1	13.0	21.0	71.0	400.0	2.47	18.0	69.0	1.0	2.0		8.0	
82	7724157	47.3000	-67.4185	0	0	1	12.0	21.0	76.0	420.0	2.34	18.0	70.0	1.0	2.0	3.1	8.0	
82	7724158	47.2968	-67.4180	0	0	1	16.0	25.0	71.0	690.0	3.04	23.0	91.0	1.0	2.0		4.0	
82	7724159	47.2940	-67.4165	0	0	1	13.0	25.0	86.0	570.0	3.08	23.0	99.0	1.0	2.0		4.0	
82	7724160	47.2912	-67.4142	0	0	1	12.0	21.0	82.0	970.0	2.70	18.0	76.0	1.0	2.0	2.5	2.0	
82	7724161	47.2878	-67.4084	0	0	1	12.0	21.0	83.0	890.0	2.66	19.0	76.0	1.0	2.0	2.3	4.0	
82	7724162	47.2770	-67.3990	0	0	2	11.0	31.0	69.0	270.0	1.47	12.0	41.0	1.0	2.0		2.0	
82	7724163	47.3745	-67.4405	0	0	1	13.0	24.0	63.0	400.0	2.29	18.0	110.0	1.0	2.0		12.0	
82	7724164	47.2795	-67.3862	0	0	2	12.0	37.0	72.0	3400.0	1.65	12.0	22.0	2.0	2.0	1.8	2.0	
82	7724165	47.2790	-67.3815	0	0	2	10.0	31.0	66.0	3400.0	1.73	11.0	18.0	1.0	2.0	1.3	2.0	
82	7724166	47.2847	-67.3780	0	0	1	15.0	25.0	86.0	850.0	3.54	22.0	99.0	1.0	2.0		2.0	
82	7724167	47.2868	-67.3870	0	0	1	15.0	28.0	81.0	1700.0	3.46	23.0	99.0	1.0	2.0		2.0	
82	7724168	47.2900	-67.3932	0	0	1	20.0	44.0	84.0	2400.0	4.13	27.0	120.0	1.0	2.0	2.1	2.0	
82	7724169	47.3745	-67.3830	0	0	1	14.0	19.0	80.0	510.0	2.59	20.0	115.0	1.0	2.0	3.0	8.0	
82	7724170	47.3713	-67.3817	0	0	1	16.0	19.0	96.0	790.0	3.20	23.0	121.0	1.5	2.0		8.0	
82	7724171	47.3670	-67.3816	0	0	1	17.0	19.0	80.0	540.0	2.69	20.0	110.0	1.0	2.0		8.0	
82	7724172	47.3620	-67.3800	0	0	1	13.0	23.0	94.0	660.0	3.45	25.0	130.0	1.5	2.0	2.5	8.0	
82	7724173	47.3572	-67.3793	0	0	1	13.0	19.0	96.0	790.0	3.06	23.0	121.0	1.5	2.0		8.0	
82	7724174	47.3547	-67.3795	0	0	1	12.0	19.0	76.0	690.0	2.47	17.0	92.0	1.0	2.0		8.0	
82	7724175	47.3522	-67.3765	0	0	1	15.0	23.0	94.0	1100.0	2.84	21.0	101.0	1.0	2.0	2.6	8.0	
82	7724176	47.3628	-67.4350	0	0	1	17.0	29.0	68.0	1100.0	2.40	21.0	126.0	1.0	2.0		8.0	
82	7724177	47.3605	-67.4322	0	0	1	17.0	29.0	70.0	640.0	2.69	21.0	124.0	1.0	2.0		4.0	
82	7724178	47.3595	-67.4280	0	0	1	15.0	29.0	72.0	780.0	2.53	19.0	119.0	1.0	2.0	2.7	8.0	
82	7724179	47.3595	-67.4250	0	0	1	13.0	26.0	83.0	670.0	3.25	20.0	121.0	1.0	2.0		4.0	
82	7724180	47.3567	-67.4183	0	0	1	15.0	29.0	74.0	360.0	2.29	17.0	112.0	1.0	2.0		8.0	
82	7724181	47.3465	-67.4092	0	0	1	19.0	36.0	83.0	600.0	2.81	20.0	93.0	1.0	2.0	2.6	4.0	
82	7724182	47.3485	-67.4080	0	0	1	16.0	29.0	70.0	700.0	2.51	18.0	107.0	1.0	2.0		8.0	
82	7724183	47.3460	-67.4050	0	0	1	19.0	32.0	79.0	800.0	2.84	21.0	98.0	1.0	2.0		8.0	
82	7724184	47.3440	-67.4018	0	0	1	19.0	29.0	79.0	640.0	2.78	20.0	105.0	1.0	2.0	2.5	8.0	
82	7724185	47.3414	-67.4000	0	0	1	19.0	29.0	81.0	540.0	2.63	21.0	108.0	1.0	2.0		12.0	
82	7724186	47.3382	-67.3980	0	0	1	18.0	29.0	85.0	570.0	2.79	21.0	110.0	1.5	2.0		8.0	
82	7724187	47.3365	-67.3950	0	0	1	20.0	26.0	75.0	410.0	2.58	20.0	107.0	1.0	2.0	2.8	8.0	
82	7724188	47.3717	-67.4140	0	0	1	11.0	23.0	72.0	730.0	2.56	17.0	84.0	1.0	2.0		4.0	
82	7724189	47.3700	-67.4176	0	0	1	33.0	39.0	70.0	970.0	2.00	20.0	103.0	1.5	2.0		8.0	
82	7724190	47.3664	-67.4130	0	0	1	13.0	26.0	70.0	660.0	2.27	17.0	81.0	1.0	2.0	2.8	20.0	
82	7724191	47.3653	-67.4145	0	0	1	13.0	26.0	91.0	530.0	3.34	22.0	112.0	1.5	2.0		16.0	
82	7724192	47.3623	-67.4130	0	0	1	16.0	29.0	93.0	660.0	3.18	23.0	110.0	1.5	2.0		16.0	
82	7724193	47.3577	-67.4122	0	0	1	17.0	32.0	88.0	1500.0	2.92	23.0	97.0	1.0	2.0	6.5	12.0	
82	7724194	47.3535	-67.4115	0	0	1	12.0	26.0	87.0	820.0	2.77	19.0	102.0	1.0	2.0		16.0	
82	7724195	47.3518	-67.4080	0	0	1	31.0	39.0	88.0	840.0	1.91	15.0	36.0	1.5	2.0		16.0	
82	7724196	47.3450	-67.4135	0	0	1	16.0	29.0	97.0	660.0	3.41	26.0	117.0	1.0	2.0		24.0	
82	7724197	47.3428	-67.4162	0	0	1	17.0	29.0	92.0	730.0	2.92	23.0	98.0	1.0	2.0		24.0	
82	7724198	47.3394	-67.4160	0	0	1	15.0	26.0	104.0	1200.0	3.38	27.0	115.0	1.5	2.0	2.8	12.0	
82	7724199	47.3375	-67.4185	0	0	1	21.0	39.0	110.0	2000.0	3.35	26.0	81.0	1.0	2.0		8.0	
82	7724200	47.3340	-67.4202	0	0	1	14.0	29.0	90.0	1300.0	3.11	24.0	89.0	1.5	2.0		16.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7724 21 O/6D

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7724201	47.3318	-67.4220	0	0	1	13.0	29.0	92.0	2200.0	2.51	21.0	76.0	1.0	2.0	2.5	12.0	
82	7724202	47.3294	-67.4230	0	0	1	14.0	29.0	99.0	2000.0	2.96	25.0	91.0	1.5	2.0		20.0	
82	7724203	47.3360	-67.4210	0	0	1	18.0	29.0	94.0	1100.0	3.15	26.0	103.0	1.0	2.0		16.0	
82	7724204	47.3363	-67.4260	0	0	1	19.0	32.0	90.0	1700.0	3.05	26.0	103.0	1.0	2.0	2.7	24.0	
82	7724205	47.3368	-67.4318	0	0	1	19.0	36.0	90.0	1600.0	3.41	28.0	99.0	1.5	2.0		20.0	
82	7724206	47.3388	-67.4377	0	0	1	23.0	36.0	85.0	880.0	2.96	24.0	93.0	1.5	2.0	2.5	8.0	
82	7724207	47.2850	-67.4550	0	0	1	14.0	26.0	112.0	1100.0	2.98	18.0	54.0	1.0	2.0		8.0	
82	7724208	47.2823	-67.4550	0	0	1	13.0	26.0	149.0	1000.0	2.58	19.0	64.0	1.0	2.0		12.0	
82	7724209	47.2785	-67.4550	0	0	1	13.0	26.0	101.0	570.0	2.27	17.0	64.0	1.0	2.0		12.0	
82	7724210	47.2740	-67.4558	0	0	1	11.0	19.0	137.0	550.0	2.38	18.0	65.0	1.0	2.0	2.7	12.0	
82	7724211	47.2720	-67.4512	0	0	1	15.0	23.0	112.0	430.0	2.93	19.0	76.0	1.0	2.0		4.0	
82	7724212	47.2700	-67.4490	0	0	1	14.0	32.0	47.0	190.0	.69	9.0	27.0	1.5	2.0		4.0	
82	7724213	47.2670	-67.4433	0	0	1	16.0	23.0	81.0	640.0	2.61	19.0	69.0	1.0	2.0	3.1	12.0	
82	7724214	47.2665	-67.4372	0	0	1	13.0	23.0	106.0	780.0	2.91	21.0	74.0	1.0	2.0		16.0	
82	7724215	47.2675	-67.4320	0	0	1	10.0	19.0	95.0	430.0	2.43	18.0	61.0	1.0	2.0		12.0	
82	7724216	47.2710	-67.4260	0	0	2	13.0	26.0	88.0	490.0	1.88	14.0	49.0	1.0	2.0	3.2	4.0	
82	7724217	47.2732	-67.4238	0	0	2	11.0	23.0	77.0	860.0	1.83	13.0	49.0	1.0	2.0		4.0	
82	7724218	47.2785	-67.4172	0	0	1	9.0	16.0	85.0	690.0	2.33	16.0	58.0	1.0	2.0	1.7	8.0	
82	7724219	47.2833	-67.4130	0	0	1	15.0	19.0	81.0	890.0	2.51	16.0	53.0	1.0	2.0		8.0	
82	7724220	47.2855	-67.4105	0	0	2	9.0	19.0	74.0	900.0	2.03	13.0	37.0	1.0	2.0		12.0	
82	7724221	47.2627	-67.3887	0	0	1	11.0	16.0	67.0	250.0	2.36	16.0	59.0	1.0	2.0	2.5	8.0	
82	7724222	47.2630	-67.3960	0	0	2	7.0	16.0	50.0	420.0	1.62	11.0	33.0	.5	2.0		8.0	
82	7724223	47.2600	-67.4005	0	0	1	8.0	16.0	50.0	230.0	1.71	13.0	50.0	1.0	2.0		12.0	
82	7724224	47.2585	-67.4040	0	0	1	14.0	81.0	10.0	190.0	.33	31.0	44.0	6.5	2.0	.5	16.0	
82	7724225	47.2630	-67.4065	0	0	1	13.0	25.0	55.0	410.0	2.33	16.0	65.0	1.0	2.0		12.0	
82	7724226	47.2558	-67.4020	0	0	1	9.0	22.0	50.0	190.0	1.98	14.0	63.0	1.0	2.0		8.0	
82	7724227	47.2520	-67.4050	0	0	1	11.0	25.0	51.0	360.0	2.07	16.0	64.0	1.5	2.0	1.6	16.0	
82	7724228	47.2537	-67.4057	0	0	1	9.0	19.0	57.0	320.0	2.44	15.0	72.0	1.0	2.0		12.0	
82	7724229	47.2550	-67.4107	0	0	1	17.0	25.0	53.0	360.0	2.38	16.0	69.0	1.0	2.0		12.0	
82	7724230	47.2565	-67.4170	0	0	2	13.0	37.0	31.0	1300.0	1.02	13.0	25.0	2.0	2.0	2.1	12.0	
82	7724231	47.2668	-67.3985	0	0	2	16.0	32.0	54.0	740.0	1.41	11.0	40.0	2.0	2.0	1.2	16.0	
82	7724232	47.2668	-67.3927	0	0	2	11.0	32.0	75.0	1100.0	1.06	9.0	21.0	2.0	2.0		16.0	
82	7724233	47.2680	-67.3885	0	0	1	5.0	19.0	48.0	220.0	2.23	11.0	53.0	1.0	2.0		20.0	
82	7724234	47.2705	-67.3830	0	0	1	15.0	16.0	46.0	180.0	1.93	16.0	57.0	.5	2.0	2.0	16.0	
82	7724235	47.3445	-67.4855	0	0	1	20.0	27.0	83.0	1200.0	2.34	14.0	60.0	1.0	2.0	2.3		
82	7724235	47.3445	-67.4855	0	0	1	20.0	27.0	83.0	1200.0	2.34	14.0	60.0	1.0	2.0	2.3		

21 O/6D
1. STATISTICS 1

COPPER

VARIABLE NUMBER	2	MAXIMUM	68.0000000
NUMBER OF DISTINCT VALUES .	40	MINIMUM	5.0000000
NUMBER OF VALUES COUNTED. .	235	RANGE	63.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	88.4353333
		ST.DEV.	9.4040070
		(Q3-Q1)/2	3.5000000
		MX.ST.SC.	5.31
		MN.ST.SC.	-1.39

LOCATION ESTIMATES

		ST.ERROR
MEAN	18.0936127	0.6134498
MEDIAN	16.0000000	0.5773506
MODE	13.0000000	

EACH '-' ABOVE = 3.0000
L= 3.0000
U= 71.9999

CASE NO. OF MIN. VAL. = 233
CASE NO. OF MAX. VAL. = 149

	VALUE	VALUE/S.E.
SKEWNESS	2.50	15.62
KURTOSIS	8.23	25.76

Q1= 13.0000000
Q3= 20.0000000
S-= 8.6896057
S+= 27.4976196

EACH '.' BELOW = 0.5000

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
5.	1	0.4	0.4	16.	15	6.4	54.9	26.	2	0.9	87.7	39.	1	0.4	95.7
7.	3	1.3	1.7	17.	19	8.1	63.0	28.	2	0.9	88.5	40.	1	0.4	96.2
8.	2	0.9	2.6	18.	12	5.1	68.1	29.	5	2.1	90.6	41.	2	0.9	97.0
9.	11	4.7	7.2	19.	15	6.4	74.5	30.	3	1.3	91.9	42.	1	0.4	97.4
10.	6	2.6	9.8	20.	7	3.0	77.4	31.	2	0.9	92.8	43.	1	0.4	97.9
11.	14	6.0	15.7	21.	4	1.7	79.1	32.	1	0.4	93.2	49.	1	0.4	98.3
12.	18	7.7	23.4	22.	3	1.3	80.4	33.	2	0.9	94.0	58.	1	0.4	98.7
13.	26	11.1	34.5	23.	9	3.8	84.3	35.	1	0.4	94.5	60.	1	0.4	99.1
14.	16	6.8	41.3	24.	5	2.1	86.4	36.	1	0.4	94.9	66.	1	0.4	99.6
15.	17	7.2	48.5	25.	1	0.4	86.8	37.	1	0.4	95.3	68.	1	0.4	100.0

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PAGE   3  BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES  INCLUDES ALL SAMPLES FOR MAP SHEET  7724 21 O/6D

  ************
  * LEAD     *
  ************

VARIABLE NUMBER . . . . . .        3
NUMBER OF DISTINCT VALUES .       40
NUMBER OF VALUES COUNTED. .      235
NUMBER OF VALUES NOT COUNTED       0

                                          MAXIMUM        83.0000000
                                          MINIMUM        14.0000000
                                          RANGE          69.0000000
                                          VARIANCE       97.6315002
                                          ST.DEV.         9.8808661
                                          (Q3-Q1)/2       5.0000000
                                          MX.ST.SC.       5.45
                                          MN.ST.SC.      -1.53

LOCATION ESTIMATES                                  ST.ERROR
                  MEAN            29.1616974        0.6445566
                  MEDIAN          27.0000000        0.5773506
                  MODE            29.0000000

                                                                                  H
                                                                                  H
                                                                                 HH
                                                                                 HH                    EACH 'H'
                                                                                 HH                   REPRESENTS
                                                                                HHHH                       7
                                                                                HHHHH                  COUNT(S)
                                                                                HHHHH
                                                                                HHHHHH
                                                                               HHHHHHHHHHH H H
                                                                             L-----------------------U

                                                                             EACH '-' ABOVE =       5.0000
                                                                                         L=        0.0
                                                                                         U=      115.0000
                                                                        CASE NO. OF MIN. VAL. =   23
                                                                        CASE NO. OF MAX. VAL. =  150

                                                                                                Q1=   23.0000000
                                                                                 VALUE   VALUE/S.E.   Q3=   33.0000000
                                                                SKEWNESS          2.01       12.58    S-=   19.2808228
                                                                KURTOSIS          7.26       22.72    S+=   39.0425568

                                                                             EACH '.' BELOW =       0.7500

                  S   Q                 Q       S
             M    -   1       M MM      3       +                                                    M
             I.................E.OE.......................................................................A
             N                D DA                                                                    X
                              I EN
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VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
14.	2	0.9	0.9	25.	12	5.1	35.7	35.	5	2.1	81.3	46.	2	0.9	96.2
16.	6	2.6	3.4	26.	17	7.2	43.0	36.	5	2.1	83.4	48.	1	0.4	96.6
17.	9	3.8	7.2	27.	17	7.2	50.2	37.	9	3.8	87.2	49.	1	0.4	97.0
18.	3	1.3	8.5	28.	4	1.7	51.9	38.	1	0.4	87.7	50.	1	0.4	97.4
19.	11	4.7	13.2	29.	27	11.5	63.4	39.	3	1.3	88.9	54.	1	0.4	97.9
20.	1	0.4	13.6	30.	2	0.9	64.3	40.	5	2.1	91.1	59.	1	0.4	98.3
21.	16	6.8	20.4	31.	14	6.0	70.2	42.	4	1.7	92.8	62.	1	0.4	98.7
22.	8	3.4	23.8	32.	9	3.8	74.0	43.	1	0.4	93.2	71.	1	0.4	99.1
23.	10	4.3	28.1	33.	3	1.3	75.3	44.	4	1.7	94.9	81.	1	0.4	99.6
24.	6	2.6	30.6	34.	9	3.8	79.1	45.	1	0.4	95.3	83.	1	0.4	100.0

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* ZINC *
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VARIABLE NUMBER	4	MAXIMUM	265.0000000
NUMBER OF DISTINCT VALUES .	79	MINIMUM	10.0000000
NUMBER OF VALUES COUNTED. .	235	RANGE	255.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	607.6047363
		ST.DEV.	24.6496429
		(Q3-Q1)/2	13.5000000
		MX.ST.SC.	7.58
		MN.ST.SC.	-2.77

LOCATION ESTIMATES

		ST.ERROR
MEAN	78.2510529	1.6079645
MEDIAN	76.0000000	1.7320509
MODE	76.0000000	

EACH '-' ABOVE = 15.0000
L= 0.0
U= 345.0000
CASE NO. OF MIN. VAL. = 224
CASE NO. OF MAX. VAL. = 82

	VALUE	VALUE/S.E.
SKEWNESS	2.09	13.06
KURTOSIS	13.49	42.23

Q1= 64.0000000
Q3= 91.0000000
S-= 53.6014099
S+= 102.9006958

EACH '.' BELOW = 2.0000

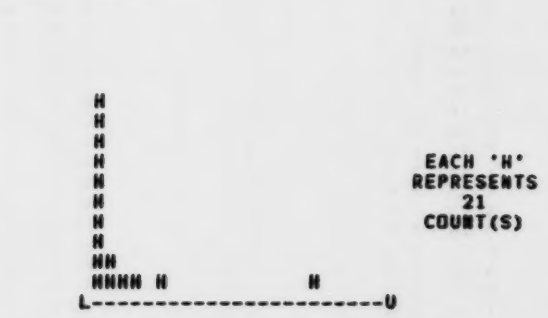
VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
10.	1	0.4	0.4	59.	6	2.6	20.4	80.	5	2.1	56.6	100.	1	0.4	88.9
27.	1	0.4	0.9	61.	2	0.9	21.3	81.	7	3.0	59.6	101.	4	1.7	90.6
28.	1	0.4	1.3	62.	4	1.7	23.0	82.	1	0.4	60.0	102.	1	0.4	91.1
31.	1	0.4	1.7	63.	3	1.3	24.3	83.	8	3.4	63.4	104.	2	0.9	91.9
33.	1	0.4	2.1	64.	5	2.1	26.4	84.	2	0.9	64.3	105.	2	0.9	92.8
35.	1	0.4	2.6	65.	3	1.3	27.7	85.	4	1.7	66.0	106.	1	0.4	93.2
40.	1	0.4	3.0	66.	5	2.1	29.8	86.	6	2.6	68.5	110.	2	0.9	94.0
45.	3	1.3	4.3	67.	5	2.1	31.9	87.	4	1.7	70.2	112.	2	0.9	94.9
46.	1	0.4	4.7	68.	4	1.7	33.6	88.	5	2.1	72.3	116.	1	0.4	95.3
47.	2	0.9	5.5	69.	3	1.3	34.9	89.	2	0.9	73.2	117.	1	0.4	95.7
48.	2	0.9	6.4	70.	8	3.4	38.3	90.	3	1.3	74.5	118.	1	0.4	96.2
50.	5	2.1	8.5	71.	6	2.6	40.9	91.	3	1.3	75.7	121.	2	0.9	97.0
51.	3	1.3	9.8	72.	4	1.7	42.6	92.	6	2.6	78.3	126.	1	0.4	97.4
52.	1	0.4	10.2	73.	1	0.4	43.0	93.	3	1.3	79.6	137.	1	0.4	97.9
53.	3	1.3	11.5	74.	5	2.1	45.1	94.	8	3.4	83.0	144.	1	0.4	98.3
54.	4	1.7	13.2	75.	3	1.3	46.4	95.	3	1.3	84.3	148.	1	0.4	98.7
55.	3	1.3	14.5	76.	9	3.8	50.2	96.	3	1.3	85.5	149.	1	0.4	99.1
56.	1	0.4	14.9	77.	1	0.4	50.6	97.	2	0.9	86.4	155.	1	0.4	99.6
57.	4	1.7	16.6	78.	5	2.1	52.8	98.	2	0.9	87.2	265.	1	0.4	100.0
58.	3	1.3	17.9	79.	4	1.7	54.5	99.	3	1.3	88.5				

MANGANES

VARIABLE NUMBER	5	MAXIMUM	26300.0000000
NUMBER OF DISTINCT VALUES .	98	MINIMUM	19.0000000
NUMBER OF VALUES COUNTED. .	235	RANGE	26281.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	3628327.0000000
		ST.DEV.	1904.8168945
		(Q3-Q1)/2	310.0000000
		MX.ST.SC.	13.25
		MN.ST.SC.	-0.54

LOCATION ESTIMATES

		ST.ERROR
MEAN	1054.5231934	124.2565460
MEDIAN	690.0000000	28.8675232
MODE	1100.0000000	



EACH '-' ABOVE = 1500.0000
L= 0.0
U= 34500.0000
CASE NO. OF MIN. VAL. = 56
CASE NO. OF MAX. VAL. = 98

	VALUE	VALUE/S.E.
SKEWNESS	10.38	64.94
KURTOSIS	129.88	406.43

Q1= 480.0000000
Q3= 1100.0000000
S-= -850.2937012
S+= 2959.3400879

EACH '.' BELOW = 250.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
19.	1	0.4	0.4	430.	5	2.1	21.3	710.	1	0.4	52.8	1000.	2	0.9	74.0
34.	1	0.4	0.9	440.	2	0.9	22.1	720.	1	0.4	53.2	1100.	8	3.4	77.4
140.	1	0.4	1.3	460.	3	1.3	23.4	730.	5	2.1	55.3	1200.	7	3.0	80.4
170.	1	0.4	1.7	470.	2	0.9	24.3	740.	1	0.4	55.7	1300.	7	3.0	83.4
180.	2	0.9	2.6	480.	3	1.3	25.5	760.	1	0.4	56.2	1400.	3	1.3	84.7
190.	4	1.7	4.3	490.	1	0.4	26.0	770.	1	0.4	56.6	1500.	4	1.7	86.4
200.	2	0.9	5.1	500.	1	0.4	26.4	780.	4	1.7	58.3	1600.	4	1.7	88.1
210.	1	0.4	5.5	510.	2	0.9	27.2	790.	3	1.3	59.6	1700.	3	1.3	89.4
220.	1	0.4	6.0	530.	2	0.9	28.1	800.	2	0.9	60.4	1800.	3	1.3	90.6
230.	2	0.9	6.8	540.	4	1.7	29.8	810.	2	0.9	61.3	2000.	3	1.3	91.9
240.	3	1.3	8.1	550.	6	2.6	32.3	820.	1	0.4	61.7	2100.	2	0.9	92.8
250.	1	0.4	8.5	560.	3	1.3	33.6	830.	1	0.4	62.1	2200.	3	1.3	94.0
270.	1	0.4	8.9	570.	7	3.0	36.6	840.	5	2.1	64.3	2400.	1	0.4	94.5
280.	1	0.4	9.4	580.	2	0.9	37.4	850.	4	1.7	66.0	2500.	2	0.9	95.3
290.	1	0.4	9.8	600.	3	1.3	38.7	860.	1	0.4	66.4	2600.	1	0.4	95.7
300.	1	0.4	10.2	610.	4	1.7	40.4	870.	1	0.4	66.8	2800.	1	0.4	96.2
320.	1	0.4	10.6	620.	2	0.9	41.3	880.	2	0.9	67.7	2900.	1	0.4	96.6
330.	2	0.9	11.5	630.	3	1.3	42.6	890.	4	1.7	69.4	3400.	3	1.3	97.9
340.	3	1.3	12.8	640.	5	2.1	44.7	900.	1	0.4	69.8	4700.	1	0.4	98.3
360.	3	1.3	14.0	650.	5	2.1	46.8	920.	1	0.4	70.2	5700.	1	0.4	98.7
370.	3	1.3	15.3	660.	4	1.7	48.5	930.	1	0.4	70.6	5800.	1	0.4	99.1
400.	3	1.3	16.6	670.	3	1.3	49.8	950.	2	0.9	71.5	8800.	1	0.4	99.6
410.	3	1.3	17.9	680.	5	2.1	51.9	960.	1	0.4	71.9	26300.	1	0.4	100.0

420.	3	1.3	19.1		700.	1	0.4	52.3		970.	3	1.3	73.2		

****
* IRONPCNT *
****

VARIABLE NUMBER	6
NUMBER OF DISTINCT VALUES .	145
NUMBER OF VALUES COUNTED. .	235
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	4.5299997
MINIMUM	0.1900000
RANGE	4.3399992
VARIANCE	0.4300833
ST.DEV.	0.6558074
(Q3-Q1)/2	0.3899999
MX.ST.SC.	3.07
MN.ST.SC.	-3.55

LOCATION ESTIMATES

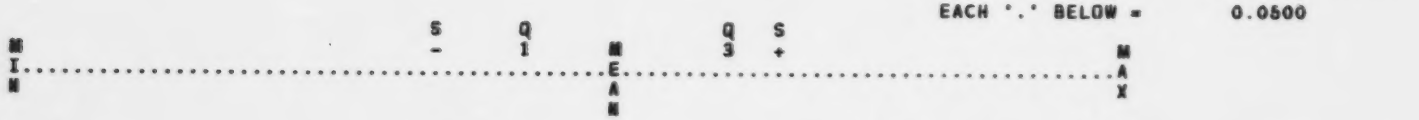
		ST.ERROR
MEAN	2.5150690	0.0427802
MEDIAN	2.5400000	0.0461880
MODE	NOT UNIQUE	

EACH '-' ABOVE = 0.2000
L= 0.2000
U= 4.8000
CASE NO. OF MIN. VAL. = 76
CASE NO. OF MAX. VAL. = 150

	VALUE	VALUE/S.E.
SKEWNESS	-0.49	-3.05
KURTOSIS	1.24	3.88

Q1= 2.1899996
Q3= 2.9699993
S-= 1.8592615
S+= 3.1708755

EACH '.' BELOW = 0.0500



VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.1900	1	0.4	0.4	1.9900	2	0.9	19.1	2.5700	2	0.9	51.9	3.0400	1	0.4	80.4
0.3400	1	0.4	0.9	2.0000	2	0.9	20.0	2.5900	2	0.9	52.8	3.0500	2	0.9	81.3
0.4100	1	0.4	1.3	2.0400	1	0.4	20.4	2.6000	1	0.4	53.2	3.0600	1	0.4	81.7
0.7000	1	0.4	1.7	2.0500	1	0.4	20.9	2.6100	1	0.4	53.6	3.0700	1	0.4	82.1
0.9200	1	0.4	2.1	2.0700	1	0.4	21.3	2.6200	2	0.9	54.5	3.0800	1	0.4	82.6
1.0200	1	0.4	2.6	2.0800	1	0.4	21.7	2.6300	2	0.9	55.3	3.0900	2	0.9	83.4
1.0300	1	0.4	3.0	2.0900	1	0.4	22.1	2.6400	2	0.9	56.2	3.1000	4	1.7	85.1
1.0700	1	0.4	3.4	2.1400	1	0.4	22.6	2.6500	2	0.9	57.0	3.1200	2	0.9	86.0
1.2100	1	0.4	3.8	2.1600	1	0.4	23.0	2.6600	2	0.9	57.9	3.1400	1	0.4	86.4
1.2900	1	0.4	4.3	2.1700	1	0.4	23.4	2.6700	3	1.3	59.1	3.1600	1	0.4	86.8
1.4100	1	0.4	4.7	2.1800	1	0.4	23.8	2.6800	1	0.4	59.6	3.1900	2	0.9	87.7
1.4200	1	0.4	5.1	2.1900	3	1.3	25.1	2.6900	1	0.4	60.0	3.2100	2	0.9	88.5
1.4400	1	0.4	5.5	2.2000	2	0.9	26.0	2.7000	6	2.6	62.6	3.2500	2	0.9	89.4
1.4800	1	0.4	6.0	2.2300	1	0.4	26.4	2.7100	2	0.9	63.4	3.2800	3	1.3	90.6
1.5000	1	0.4	6.4	2.2400	1	0.4	26.8	2.7200	2	0.9	64.3	3.3100	1	0.4	91.1
1.5100	2	0.9	7.2	2.2500	2	0.9	27.7	2.7300	1	0.4	64.7	3.3200	1	0.4	91.5
1.5200	2	0.9	8.1	2.2600	1	0.4	28.1	2.7400	1	0.4	65.1	3.3500	1	0.4	91.9
1.6000	1	0.4	8.5	2.2700	1	0.4	28.5	2.7500	2	0.9	66.0	3.3600	1	0.4	92 3
1.6100	1	0.4	8.9	2.2800	4	1.7	30.2	2.7800	2	0.9	66.8	3.3800	2	0.9	93.2
1.6300	1	0.4	9.4	2.3000	3	1.3	31.5	2.7900	1	0.4	67.2	3.3900	1	0.4	93.6
1.6500	1	0.4	9.8	2.3100	1	0.4	31.9	2.8000	1	0.4	67.7	3.4100	1	0.4	94.0
1.6600	1	0.4	10.2	2.3300	2	0.9	32.8	2.8200	1	0.4	68.1	3.4200	2	0.9	94.9
1.7100	1	0.4	10.6	2.3400	3	1.3	34.0	2.8300	1	0.4	68.5	3.4500	1	0.4	95.3

1.7200	1	0.4	11.1	2.3500	3	1.3	35.3	2.8500	1	0.4	68.9	3.4600	1	0.4	95.7
1.7400	1	0.4	11.5	2.3700	5	2.1	37.4	2.8700	3	1.3	70.2	3.4700	1	0.4	96.2
1.7500	1	0.4	11.9	2.3900	5	2.1	39.6	2.9000	1	0.4	70.6	3.4800	1	0.4	96.6
1.7800	1	0.4	12.3	2.4000	1	0.4	40.0	2.9100	1	0.4	71.1	3.5300	1	0.4	97.0
1.8100	1	0.4	12.8	2.4100	4	1.7	41.7	2.9200	2	0.9	71.9	3.5500	1	0.4	97.4
1.8200	3	1.3	14.0	2.4400	2	0.9	42.6	2.9300	3	1.3	73.2	3.5900	1	0.4	97.9
1.8400	2	0.9	14.9	2.4500	2	0.9	43.4	2.9400	2	0.9	74.0	3.6200	1	0.4	98.3
1.8800	2	0.9	15.7	2.4800	3	1.3	44.7	2.9500	1	0.4	74.5	3.8100	1	0.4	98.7
1.8900	1	0.4	16.2	2.4900	1	0.4	45.1	2.9600	1	0.4	74.9	4.1400	1	0.4	99.1
1.9200	1	0.4	16.6	2.5000	1	0.4	45.5	2.9700	5	2.1	77.0	4.4000	1	0.4	99.6
1.9300	1	0.4	17.0	2.5200	6	2.6	48.1	2.9800	4	1.7	78.7	4.5300	1	0.4	100.0
1.9400	1	0.4	17.4	2.5300	1	0.4	48.5	2.9900	1	0.4	79.1				
1.9600	1	0.4	17.9	2.5400	4	1.7	50.2	3.0000	1	0.4	79.6				
1.9700	1	0.4	18.3	2.5600	2	0.9	51.1	3.0200	1	0.4	80.0				

****
* COPALT *
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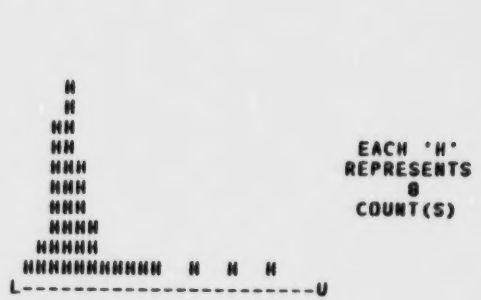
VARIABLE NUMBER	7
NUMBER OF DISTINCT VALUES .	40
NUMBER OF VALUES COUNTED. .	235
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	97.0000000
MINIMUM	5.0000000
RANGE	92.0000000
VARIANCE	115.6155396
ST.DEV.	10.7524672
(Q3-Q1)/2	4.5000000
MX.ST.SC.	7.14
MN.ST.SC.	-1.42

LOCATION ESTIMATES

		ST.ERROR
MEAN	20.2680817	0.7014136
MEDIAN	18.0000000	0.5773506
MODE	NOT UNIQUE	



EACH '-' ABOVE = 5.0000
L= 0.0
U= 115.0000
CASE NO. OF MIN. VAL. = 23
CASE NO. OF MAX. VAL. = 144

	VALUE	VALUE/S.E.
SKEWNESS	3.10	19.37
KURTOSIS	15.33	47.97

Q1= 14.0000000
Q3= 23.0000000
S-= 9.5156145
S+= 31.0205383

EACH '.' BELOW = 0.7500

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
5.	1	0.4	0.4	16.	15	6.4	39.1	26.	7	3.0	84.7	39.	2	0.9	94.9
7.	3	1.3	1.7	17.	17	7.2	46.4	27.	3	1.3	86.0	41.	2	0.9	95.7
8.	3	1.3	3.0	18.	12	5.1	51.5	28.	4	1.7	87.7	43.	1	0.4	96.2
9.	5	2.1	5.1	19.	16	6.8	58.3	29.	3	1.3	88.9	44.	1	0.4	96.6
10.	4	1.7	6.8	20.	14	6.0	64.3	30.	1	0.4	89.4	45.	3	1.3	97.9
11.	13	5.5	12.3	21.	12	5.1	69.4	31.	3	1.3	90.6	49.	1	0.4	98.3
12.	10	4.3	16.6	22.	7	3.0	72.3	32.	3	1.3	91.9	52.	1	0.4	98.7
13.	10	4.3	20.9	23.	15	6.4	78.7	33.	2	0.9	92.8	66.	1	0.4	99.1
14.	17	7.2	28.1	24.	3	1.3	80.0	35.	2	0.9	93.6	81.	1	0.4	99.6
15.	11	4.7	32.8	25.	4	1.7	81.7	36.	1	0.4	94.0	97.	1	0.4	100.0

****
* NICKEL *
****

VARIABLE NUMBER	8	MAXIMUM	890.0000000
NUMBER OF DISTINCT VALUES .	115	MINIMUM	17.0000000
NUMBER OF VALUES COUNTED. .	235	RANGE	873.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	4742.9609375
		ST.DEV.	68.8691864
		(Q3-Q1)/2	27.0000000
		MX.ST.SC.	11.59
		MN.ST.SC.	-1.09

LOCATION ESTIMATES

		ST.ERROR
MEAN	91.9914856	4.4925299
MEDIAN	81.0000000	4.9074793
MODE	69.0000000	

```
                H
                H
                H
                H                    EACH 'H'
               HH                  REPRESENTS
               HH                       12
              HHH                   COUNT(S)
              HHH
              HHH
              HHHHHH H         H
             L----------------------U
```

EACH '-' ABOVE = 50.0000
L= 0.0
U= 1150.0000
CASE NO. OF MIN. VAL. = 76
CASE NO. OF MAX. VAL. = 142

	VALUE	VALUE/S.E.
SKEWNESS	7.06	44.20
KURTOSIS	75.31	235.67

Q1= 58.0000000
Q3= 112.0000000
S-= 23.1222992
S+= 160.8606720

EACH '.' BELOW = 7.5000

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 S    Q      Q     S
 M-   1M MM  3     +                                                                    M
 I.....O.EE.....................................................................................A
 N      D DA                                                                          X
        E IN
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VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
17.	1	0.4	0.4	59.	4	1.7	27.7	93.	3	1.3	58.7	125.	1	0.4	87.7
18.	1	0.4	0.9	60.	2	0.9	28.5	94.	2	0.9	59.6	126.	1	0.4	88.1
20.	1	0.4	1.3	61.	1	0.4	28.9	97.	1	0.4	60.0	128.	1	0.4	88.5
21.	1	0.4	1.7	62.	3	1.3	30.2	98.	3	1.3	61.3	129.	1	0.4	88.9
22.	1	0.4	2.1	63.	2	0.9	31.1	99.	5	2.1	63.4	130.	1	0.4	89.4
25.	1	0.4	2.6	64.	6	2.6	33.6	100.	2	0.9	64.3	131.	1	0.4	89.8
27.	3	1.3	3.8	65.	4	1.7	35.3	101.	2	0.9	65.1	132.	2	0.9	90.6
33.	1	0.4	4.3	66.	2	0.9	36.2	102.	4	1.7	66.8	134.	1	0.4	91.1
35.	1	0.4	4.7	68.	3	1.3	37.4	103.	4	1.7	68.5	136.	1	0.4	91.5
36.	2	0.9	5.5	69.	7	3.0	40.4	104.	1	0.4	68.9	139.	1	0.4	91.9
37.	2	0.9	6.4	70.	2	0.9	41.3	105.	2	0.9	69.8	141.	1	0.4	92.3
38.	2	0.9	7.2	71.	1	0.4	41.7	106.	1	0.4	70.2	146.	2	0.9	93.2
40.	1	0.4	7.7	72.	2	0.9	42.6	107.	3	1.3	71.5	148.	1	0.4	93.6
41.	1	0.4	8.1	73.	3	1.3	43.8	108.	1	0.4	71.9	151.	1	0.4	94.0
43.	3	1.3	9.4	74.	4	1.7	45.5	109.	2	0.9	72.8	153.	1	0.4	94.5
44.	3	1.3	10.6	75.	1	0.4	46.0	110.	4	1.7	74.5	174.	1	0.4	94.9
45.	2	0.9	11.5	76.	5	2.1	48.1	111.	1	0.4	74.9	176.	1	0.4	95.3
47.	2	0.9	12.3	77.	1	0.4	48.5	112.	2	0.9	75.7	183.	1	0.4	95.7
48.	1	0.4	12.8	79.	2	0.9	49.4	113.	1	0.4	76.2	188.	1	0.4	96.2
49.	4	1.7	14.5	80.	1	0.4	49.8	114.	3	1.3	77.4	202.	1	0.4	96.6
50.	3	1.3	15.7	81.	3	1.3	51.1	115.	3	1.3	78.7	207.	1	0.4	97.0
51.	3	1.3	17.0	82.	2	0.9	51.9	116.	2	0.9	79.6	224.	1	0.4	97.4
52.	2	0.9	17.9	83.	1	0.4	52.3	117.	4	1.7	81.3	226.	1	0.4	97.9

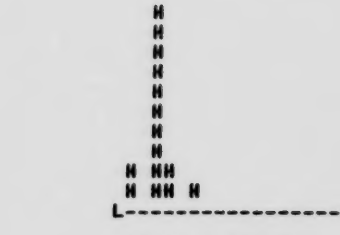
53.	5	2.1	20.0	84.	1	0.4	52.8	118.	2	0.9	82.1	234.	1	0.4	98.3
54.	3	1.3	21.3	86.	1	0.4	53.2	119.	2	0.9	83.0	238.	1	0.4	98.7
55.	3	1.3	22.6	88.	2	0.9	54.0	120.	3	1.3	84.3	266.	1	0.4	99.1
56.	1	0.4	23.0	89.	2	0.9	54.9	121.	3	1.3	85.5	357.	1	0.4	99.6
57.	3	1.3	24.3	91.	3	1.3	56.2	123.	1	0.4	86.0	890.	1	0.4	100.0
58.	4	1.7	26.0	92.	3	1.3	57.4	124.	3	1.3	87.2				

****
* SILVER *
****

VARIABLE NUMBER	9	MAXIMUM	6.5000000
NUMBER OF DISTINCT VALUES .	5	MINIMUM	0.5000000
NUMBER OF VALUES COUNTED. .	235	RANGE	6.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.2237860
		ST.DEV.	0.4730603
		(Q3-Q1)/2	0.0
		MX.ST.SC.	11.84
		MN.ST.SC.	-1.14

LOCATION ESTIMATES

		ST.ERROR
MEAN	1.0404253	0.0308590
MEDIAN	1.0000000	0.0
MODE	1.0000000	



EACH '-' ABOVE = 0.3000
L= 0.3000
U= 7.2000
CASE NO. OF MIN. VAL. = 10
CASE NO. OF MAX. VAL. = 224

	VALUE	VALUE/S.E.
SKEWNESS	6.71	42.01
KURTOSIS	73.40	229.69

Q1= 1.0000000
Q3= 1.0000000
S-= 0.5673651
S+= 1.5134850

EACH '.' BELOW = 0.0500

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.5000	33	14.0	14.0	1.5000	25	10.6	96.2	6.5000	1	0.4	100.0				
1.0000	168	71.5	85.5	2.0000	8	3.4	99.6								

****
* MOLYBDEN *
****

		MAXIMUM	2.0000000
		MINIMUM	2.0000000
VARIABLE NUMBER	10	RANGE	0.0
NUMBER OF DISTINCT VALUES .	1	VARIANCE	0.0
NUMBER OF VALUES COUNTED. .	235	ST.DEV.	0.0
NUMBER OF VALUES NOT COUNTED	0	(Q3-Q1)/2	0.0
		MX.ST.SC.	0.0
		MN.ST.SC.	0.0

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0000000	0.0
MEDIAN	2.0000000	0.0
MODE	2.0000000	

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H
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H
H
L----------------------U
```

EACH 'H' REPRESENTS 24 COUNT(S)

EACH '-' ABOVE = 0.0
L= 2.0000
U= 2.0000

CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 1

	VALUE	VALUE/S.E.
SKEWNESS	0.0	0.0
KURTOSIS	0.0	0.0

Q1= 2.0000000
Q3= 2.0000000
S-= 2.0000000
S+= 2.0000000

VALUE	COUNT	PERCENTS CELL	CUM
2.	235	100.0	100.0

PAGE 11 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7724 21 0/6D

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*************
* URANIUM   *
*************

VARIABLE NUMBER . . . . . .         11        MAXIMUM          8.6999998
NUMBER OF DISTINCT VALUES .         33        MINIMUM          0.5000000
NUMBER OF VALUES COUNTED. .         78        RANGE            8.1999998
NUMBER OF VALUES NOT COUNTED       157        VARIANCE         1.5506659
                                              ST.DEV.          1.2452574
                                              (Q3-Q1)/2        0.4000001
                                              MX.ST.SC.        4.65
                                              MN.ST.SC.       -1.94

LOCATION ESTIMATES                              ST.ERROR
               MEAN           2.9153814        0.1409976
               MEDIAN         2.6499998        0.0866023
               MODE           NOT UNIQUE
```

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       H
       HH
       HH
       HH
       HH                           EACH 'H'
      HHHH                          REPRESENTS
      HHHHHH                            3
  H HHHHHHH H  H H H                COUNT(S)
L-----------------------U

EACH '-' ABOVE =          0.5000
               L=         0.0
               U=        11.5000
CASE NO. OF MIN. VAL. =  224
CASE NO. OF MAX. VAL. =   99
```

	VALUE	VALUE/S.E.		
SKEWNESS	2.22	8.00	Q1=	2.2999992
KURTOSIS	6.95	12.53	Q3=	3.0999994
			S-=	1.6701241
			S+=	4.1606388

EACH '.' BELOW = 0.0750

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M             S       Q      M    Q            S                                                          M
I.............-.......1......E....3............+..........................................................A
N                            D   M                                                                        X
                             I   E
                                 A
                                 N
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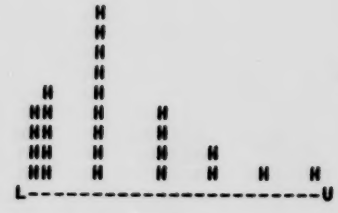
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.5000	1	1.3	1.3	2.2000	5	6.4	21.8	3.1000	4	5.1	75.6	4.3000	1	1.3	93.6
1.3000	1	1.3	2.6	2.3000	4	5.1	26.9	3.2000	3	3.8	79.5	5.2000	1	1.3	94.9
1.4000	2	2.6	5.1	2.4000	7	9.0	35.9	3.3000	1	1.3	80.8	5.3000	1	1.3	96.2
1.6000	1	1.3	6.4	2.5000	6	7.7	43.6	3.4000	1	1.3	82.1	6.5000	1	1.3	97.4
1.7000	1	1.3	7.7	2.6000	5	6.4	50.0	3.6000	1	1.3	83.3	7.5000	1	1.3	98.7
1.8000	2	2.6	10.3	2.700C	3	3.8	53.8	3.8000	2	2.6	85.9	8.7000	1	1.3	100.0
1.9000	1	1.3	11.5	2.8000	7	9.0	62.8	3.9000	2	2.6	88.5				
2.0000	2	2.6	14.1	2.9000	5	6.4	69.2	4.1000	1	1.3	89.7				
2.1000	1	1.3	15.4	3.0000	1	1.3	70.5	4.2000	2	2.6	92.3				

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	24.0000000
NUMBER OF DISTINCT VALUES .	7	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	143	RANGE	22.0000000
NUMBER OF VALUES NOT COUNTED	92	VARIANCE	25.9891510
		ST.DEV.	5.0979587
		(Q3-Q1)/2	4.0000000
		MX.ST.SC.	3.88
		MN.ST.SC.	-1.24

LOCATION ESTIMATES

		ST.ERROR
MEAN	8.8076916	0.4263124
MEDIAN	8.0000000	0.0
MODE	8.0000000	



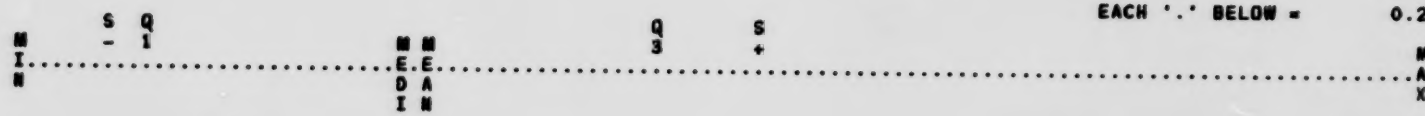
EACH '-' ABOVE = 1.0000
L= 2.0000
U= 25.0000

CASE NO. OF MIN. VAL. = 131
CASE NO. OF MAX. VAL. = 196

	VALUE	VALUE/S.E.
SKEWNESS	0.89	4.36
KURTOSIS	0.59	1.45

Q1= 4.0000000
Q3= 12.0000000
S-= 3.2097359
S+= 13.4056473

EACH '.' BELOW = 0.2000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2.	22	15.4	15.4	8.	52	36.4	70.6	16.	12	8.4	95.1	24.	3	2.1	100.0
4.	27	18.9	34.3	12.	23	16.1	86.7	20.	4	2.8	97.9				

21 O/6D

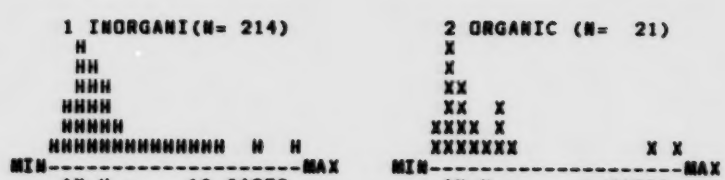
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.30	0.7691	21.1
T (POOLED)	-0.49	0.6269	233
F(FOR VARIANCES)			
LEVENE	7.48	0.0067	1, 233

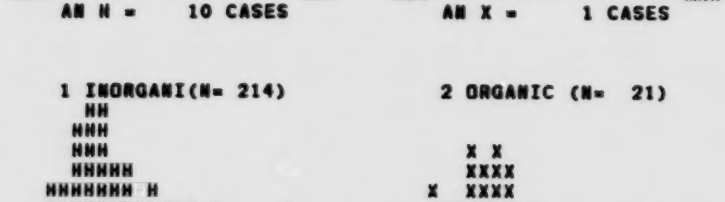
GROUP	1 INORGANI	2 ORGANIC
MEAN	17.9993	19.0476
STD DEV	8.5573	15.9294
S.E.M.	0.5850	3.4761
SAMPLE SIZE	214	21
MAXIMUM	66.0000	68.0000
MINIMUM	5.0000	7.0000



****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.98	0.3352	22.8
T (POOLED)	-1.15	0.2517	233
F(FOR VARIANCES)			
LEVENE	0.19	0.6635	1, 233

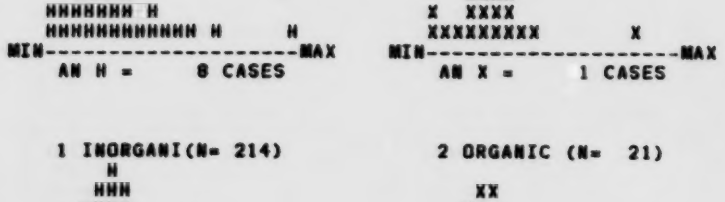
GROUP	1 INORGANI	2 ORGANIC
MEAN	28.9292	31.5237
STD DEV	9.6860	11.6902
S.E.M.	0.6621	2.5510
SAMPLE SIZE	214	21
MAXIMUM	83.0000	71.0000
MINIMUM	14.0000	16.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	3.06	0.0051	25.8
T (POOLED)	2.67	0.0081	233
F(FOR VARIANCES)			
LEVENE	0.01	0.9177	1, 233

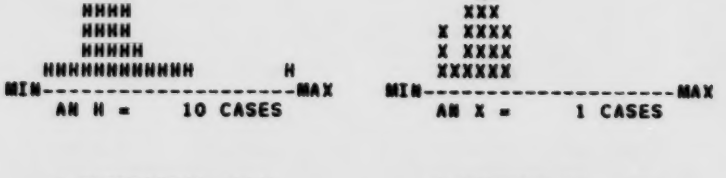
GROUP	1 INORGANI	2 ORGANIC
MEAN	79.5787	64.7142
STD DEV	24.6337	20.8546
S.E.M.	1.6839	4.5508
SAMPLE SIZE	214	21
MAXIMUM	265.0000	98.0000
MINIMUM	10.0000	27.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.53	0.1408	20.1
T (POOLED)	-4.57	0.0000	233
F(FOR VARIANCES)			
LEVENE	48.58	0.0000	1, 233

GROUP	1 INORGANI	2 ORGANIC
MEAN	883.6741	2795.4250
STD DEV	773.3518	5708.5234
S.E.M.	52.8652	1245.7019
SAMPLE SIZE	214	21
MAXIMUM	5800.0000	26300.0000
MINIMUM	19.0000	34.0000

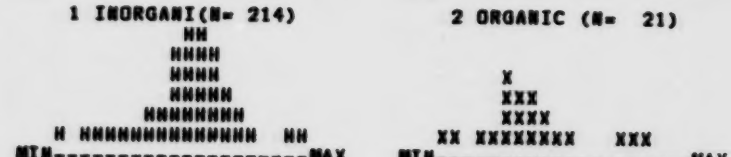


DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	3.69	0.0013	21.6
T (POOLED)	5.34	0.0000	233
F(FOR VARIANCES)			
LEVENE	5.43	0.0207	1, 233

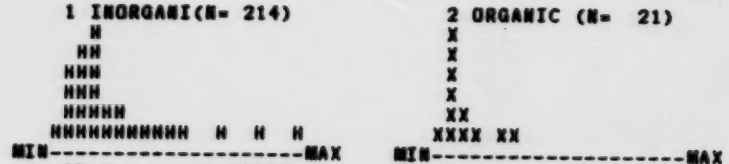
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.5020	1.8252
STD DEV	0.5841	0.9217
S.E.M.	0.0399	0.2011
SAMPLE SIZE	214	21
MAXIMUM	4.5300	3.8100
MINIMUM	0.3400	0.1900



****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	3.40	0.0018	31.4
T (POOLED)	2.31	0.0218	233
F(FOR VARIANCES)			
LEVENE	1.31	0.2536	1, 233

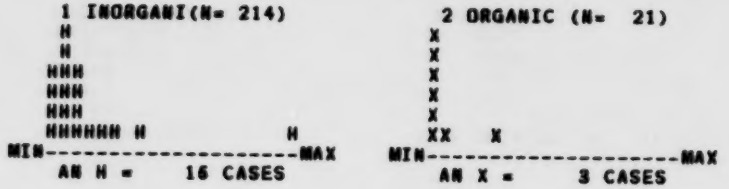
GROUP	1 INORGANI	2 ORGANIC
MEAN	20.7703	15.1428
STD DEV	10.9488	6.7623
S.E.M.	0.7484	1.4756
SAMPLE SIZE	214	21
MAXIMUM	97.0000	36.0000
MINIMUM	5.0000	9.0000



****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	3.98	0.0004	28.7
T (POOLED)	2.98	0.0032	233
F(FOR VARIANCES)			
LEVENE	0.30	0.5861	1, 233

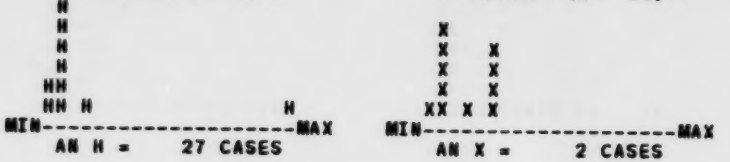
GROUP	1 INORGANI	2 ORGANIC
MEAN	96.1161	49.9523
STD DEV	69.2647	48.5844
S.E.M.	4.7348	10.6020
SAMPLE SIZE	214	21
MAXIMUM	890.0000	230.0000
MINIMUM	27.0000	17.0000



****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-3.04	0.0059	22.8
T (POOLED)	-3.54	0.0005	233
F(FOR VARIANCES)			
LEVENE	12.89	0.0004	1, 233

GROUP	1 INORGANI	2 ORGANIC
MEAN	1.0070	1.3809
STD DEV	0.4532	0.5455
S.E.M.	0.0310	0.1190
SAMPLE SIZE	214	21
MAXIMUM	6.5000	2.0000
MINIMUM	0.5000	0.5000



DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	233
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 233

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0000	2.0000
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	214	21
MAXIMUM	2.0000	2.0000
MINIMUM	2.0000	2.0000

1 INORGANI(N= 214)

```
H
H
H
H
H
H
MIN--------------------MAX
```

AN H = 36 CASES

2 ORGANIC (N= 21)

```
X
X
X
X
X
X
MIN--------------------MAX
```

AN X = 4 CASES

****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.30	0.7709	8.4
T (POOLED)	-0.53	0.5995	76
F(FOR VARIANCES)			
LEVENE	7.15	0.0092	1, 76

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.8884	3.1222
STD DEV	1.0614	2.3010
S.E.M.	0.1278	0.7670
SAMPLE SIZE	69	9
MAXIMUM	7.5000	8.7000
MINIMUM	0.5000	1.3000

1 INORGANI(N= 69)

```
   H
   HH
   HH
   HH
   HHH
 H HHHHHHHH H  H  H
MIN--------------------MAX
```

AN H = 4 CASES

2 ORGANIC (N= 9)

```
   X
 XXXX XXX          X
MIN--------------------MAX
```

AN X = 1 CASES

****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.37	0.1822	23.5
T (POOLED)	1.27	0.2078	141
F(FOR VARIANCES)			
LEVENE	0.01	0.9324	1, 141

GROUP	1 INORGANI	2 ORGANIC
MEAN	8.5120	6.8889
STD DEV	5.1488	4.6131
S.E.M.	0.4605	1.0873
SAMPLE SIZE	125	18
MAXIMUM	24.0000	16.0000
MINIMUM	2.0000	2.0000

1 INORGANI(N= 125)

```
     H
     H
     H
HH   H   H
HH   H   H  H
HH   H   H  H   H  H
MIN--------------------MAX
```

AN H = 8 CASES

2 ORGANIC (N= 18)

```
 X   X
XX   X
XX   X
XX   X   X  X
XX   X   X  X
MIN--------------------MAX
```

AN X = 1 CASES

****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	233
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 233

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	214	21
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0

1 INORGANI(N= 214)

```
H
H
H
H
H
H
MIN--------------------MAX
```

AN H = 36 CASES

2 ORGANIC (N= 21)

```
X
X
X
X
X
X
MIN--------------------MAX
```

AN X = 4 CASES

NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.720 SECONDS

21 O/6E
1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7725 21 O/6E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7725001	47.4909	-67.3765	0	0	1	11.0	22.0	74.0	450.0	1.94	12.0	48.0	1.0	2.0	1.5		
82	7725002	47.4886	-67.3787	0	0	1	11.0	22.0	81.0	360.0	2.07	13.0	50.0	1.0	2.0			
82	7725003	47.4867	-67.3794	0	0	1	12.0	29.0	87.0	1100.0	1.20	14.0	55.0	1.0	2.0			
82	7725004	47.4847	-67.3841	0	0	1	6.0	18.0	90.0	2400.0	2.09	11.0	46.0	1.0	2.0	1.7		
82	7725005	47.4814	-67.3862	0	0	1	5.0	18.0	66.0	230.0	1.41	9.0	41.0	1.0	2.0			
82	7725006	47.4793	-67.3895	0	0	1	7.0	18.0	74.0	900.0	2.11	11.0	53.0	1.0	2.0	3.5		
82	7725007	47.3773	-67.4740	0	0	1	19.0	26.0	34.0	550.0	1.22	25.0	122.0	1.0	2.0			
82	7725008	47.3773	-67.4650	0	0	1	42.0	55.0	92.0	2100.0	2.58	86.0	407.0	1.0	2.0			
82	7725009	47.3973	-67.4995	0	0	1	16.0	8.0	68.0	420.0	2.35	14.0	163.0	.5	2.0			
82	7725010	47.3957	-67.4976	0	0	1	17.0	8.0	56.0	450.0	1.79	13.0	183.0	.5	2.0			
82	7725011	47.3942	-67.4965	0	0	1	18.0	8.0	64.0	550.0	2.14	15.0	202.0	.5	2.0			
82	7725012	47.3935	-67.4934	0	0	1	24.0	25.0	73.0	1900.0	3.04	34.0	325.0	.5	2.0	3.8		
82	7725013	47.3880	-67.4970	0	0	1	30.0	17.0	76.0	1300.0	3.13	32.0	296.0	.5	2.0			
82	7725014	47.3862	-67.4974	0	0	1	27.0	13.0	68.0	970.0	2.82	24.0	221.0	.5	2.0			
82	7725015	47.3815	-67.4987	0	0	1	12.0	42.0	58.0	1300.0	2.86	26.0	264.0	1.0	2.0	3.1		
82	7725016	47.3804	-67.4973	0	0	1	21.0	30.0	59.0	820.0	1.83	16.0	225.0	.5	2.0			
82	7725017	47.3808	-67.4935	0	0	1	27.0	25.0	77.0	1100.0	2.46	26.0	272.0	.5	2.0			
82	7725018	47.3821	-67.4897	0	0	1	33.0	30.0	64.0	1400.0	2.28	28.0	279.0	.5	2.0	5.2		
82	7725019	47.3843	-67.4863	0	0	1	32.0	30.0	76.0	1300.0	1.93	27.0	306.0	.5	2.0			
82	7725020	47.3950	-67.3304	0	0	2	35.0	26.0	116.0	6000.0	2.00	49.0	238.0	1.5	2.0			
82	7725021	47.3904	-67.3911	0	0	1	35.0	36.0	96.0	2100.0	2.70	60.0	188.0	1.0	2.0	4.8		
82	7725022	47.3882	-67.3905	0	0	1	27.0	32.0	94.0	1800.0	2.73	39.0	138.0	1.5	2.0			
82	7725023	47.3855	-67.3890	0	0	1	16.0	16.0	72.0	840.0	2.41	19.0	105.0	1.0	2.0			
82	7725024	47.3818	-67.3875	0	0	1	14.0	16.0	80.0	510.0	2.91	19.0	109.0	1.5	2.0	2.6		
82	7725025	47.3792	-67.3861	0	0	1	12.0	16.0	83.0	490.0	2.92	18.0	112.0	1.0	2.0		12.0	
82	7725026	47.3767	-67.3850	0	0	1	16.0	16.0	89.0	860.0	2.91	25.0	128.0	1.0	2.0		8.0	
82	7725027	47.4073	-67.3762	0	0	1	8.0	10.0	56.0	890.0	2.00	13.0	64.0	1.0	2.0		8.0	
82	7725028	47.4096	-67.3806	0	0	1	13.0	13.0	60.0	280.0	2.03	16.0	80.0	1.0	2.0	1.7	8.0	
82	7725029	47.4114	-67.3846	0	0	1	10.0	19.0	51.0	1100.0	1.72	11.0	62.0	.5	2.0		4.0	
82	7725030	47.4128	-67.3877	0	0	1	9.0	19.0	35.0	310.0	1.38	10.0	59.0	.5	2.0		4.0	
82	7725031	47.4148	-67.3905	0	0	1	10.0	26.0	72.0	1100.0	2.82	18.0	74.0	1.0	2.0	2.0	8.0	
82	7725032	47.4165	-67.3919	0	0	1	9.0	23.0	72.0	1800.0	2.12	16.0	70.0	1.0	2.0		8.0	
82	7725033	47.4198	-67.3949	0	0	1	10.0	26.0	81.0	3000.0	2.70	19.0	79.0	1.0	2.0		4.0	
82	7725034	47.4219	-67.3965	0	0	1	15.0	23.0	63.0	290.0	2.16	14.0	74.0	1.0	2.0		8.0	
82	7725035	47.4357	-67.4104	0	0	1	13.0	26.0	73.0	1300.0	2.73	20.0	80.0	1.0	2.0	3.1	8.0	
82	7725036	47.4373	-67.4139	0	0	1	12.0	23.0	66.0	1500.0	2.22	16.0	57.0	1.0	2.0		12.0	
82	7725037	47.4382	-67.4167	0	0	1	10.0	23.0	69.0	1200.0	2.16	16.0	55.0	1.0	2.0		12.0	
82	7725038	47.4383	-67.4205	0	0	1	13.0	23.0	77.0	1300.0	2.79	19.0	72.0	1.0	2.0	3.6	12.0	
82	7725039	47.4372	-67.4249	0	0	1	13.0	26.0	75.0	2000.0	2.93	20.0	77.0	1.0	2.0		12.0	
82	7725040	47.4380	-67.4294	0	0	1	10.0	23.0	77.0	950.0	2.47	17.0	62.0	1.0	2.0		12.0	
82	7725041	47.4391	-67.4325	0	0	1	8.0	23.0	82.0	440.0	2.96	19.0	77.0	1.5	2.0	2.8	12.0	
82	7725042	47.4405	-67.4356	0	0	1	8.0	23.0	86.0	720.0	2.79	18.0	68.0	1.0	2.0		12.0	
82	7725043	47.4408	-67.4386	0	0	1	7.0	23.0	86.0	860.0	2.71	18.0	67.0	1.0	2.0		16.0	
82	7725044	47.4409	-67.4416	0	0	1	7.0	19.0	68.0	920.0	1.89	13.0	50.0	1.0	2.0	2.5	12.0	
82	7725045	47.4388	-67.4449	0	0	1	10.0	23.0	66.0	2600.0	2.38	16.0	51.0	1.0	2.0		16.0	
82	7725046	47.4372	-67.4464	0	0	1	9.0	19.0	66.0	1000.0	2.09	15.0	48.0	1.0	2.0		16.0	
82	7725047	47.4372	-67.4488	0	0	1	6.0	26.0	75.0	590.0	2.25	15.0	59.0	1.0	2.0	2.7	16.0	
82	7725048	47.4376	-67.4515	0	0	1	6.0	23.0	78.0	400.0	2.22	15.0	60.0	1.0	2.0		16.0	
82	7725049	47.4394	-67.4546	0	0	1	9.0	19.0	64.0	980.0	1.77	13.0	43.0	1.0	2.0	2.5	20.0	
82	7725050	47.4412	-67.4570	0	0	1	10.0	26.0	77.0	1000.0	2.39	15.0	55.0	1.0	2.0		16.0	

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MAP SHEET 7725 21 O/6E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7725051	47.4430	-67.4565	0	0	1	13.0	36.0	66.0	800.0	2.48	18.0	65.0	1.5	2.0		16.0	
82	7725052	47.4459	-67.4337	0	0	1	9.0	23.0	77.0	320.0	1.96	12.0	46.0	1.0	2.0		12.0	
82	7725053	47.4442	-67.4360	0	0	1	8.0	26.0	75.0	270.0	2.31	14.0	63.0	1.0	2.0	2.7	20.0	
82	7725054	47.4428	-67.4385	0	0	1	6.0	23.0	71.0	240.0	2.05	14.0	58.0	1.0	2.0		16.0	
82	7725055	47.4475	-67.4316	0	0	1	9.0	19.0	66.0	190.0	1.52	12.0	43.0	1.0	2.0		12.0	
82	7725056	47.4496	-67.4282	0	0	1	9.0	23.0	62.0	220.0	1.85	11.0	48.0	1.0	2.0	3.1	16.0	
82	7725057	47.4510	-67.4260	0	0	1	12.0	26.0	71.0	160.0	1.73	12.0	44.0	1.0	2.0		20.0	
82	7725058	47.4529	-67.4219	0	0	1	8.0	19.0	68.0	120.0	1.44	8.0	29.0	1.0	2.0		20.0	
82	7725059	47.4640	-67.4098	0	0	2	10.0	26.0	72.0	300.0	.98	10.0	27.0	1.5	2.0		12.0	
82	7725060	47.4627	-67.4115	0	0	2	11.0	26.0	65.0	170.0	1.01	10.0	27.0	2.0	2.0	2.8	8.0	
82	7725061	47.4735	-67.4395	0	0	1	6.0	16.0	45.0	250.0	1.09	9.0	29.0	.5	2.0		8.0	
82	7725062	47.4754	-67.4361	0	0	1	6.0	16.0	54.0	310.0	1.38	9.0	31.0	.5	2.0		12.0	
82	7725063	47.4768	-67.4350	0	0	1	6.0	13.0	53.0	470.0	1.30	10.0	29.0	1.0	2.0		8.0	
82	7725064	47.4792	-67.4353	0	0	1	9.0	20.0	47.0	550.0	1.88	14.0	34.0	.5	2.0	2.0	8.0	
82	7725065	47.4836	-67.4335	0	0	1	9.0	39.0	43.0	6100.0	1.37	11.0	20.0	1.5	2.0		20.0	
82	7725066	47.4774	-67.4873	0	0	1	5.0	13.0	43.0	310.0	1.11	7.0	22.0	.5	2.0		16.0	
82	7725067	47.4781	-67.4828	0	0	1	7.0	16.0	58.0	390.0	1.64	11.0	34.0	1.0	2.0	1.2	12.0	
82	7725068	47.4792	-67.4791	0	0	2	8.0	23.0	60.0	560.0	1.38	11.0	29.0	1.0	2.0		8.0	
82	7725069	47.4802	-67.4760	0	0	2	10.0	16.0	65.0	90.0	1.20	10.0	31.0	1.0	2.0		12.0	
82	7725070	47.4815	-67.4712	0	0	2	5.0	13.0	47.0	290.0	1.04	8.0	22.0	.5	2.0	1.0	12.0	
82	7725071	47.4824	-67.4678	0	0	2	6.0	13.0	47.0	200.0	1.09	8.0	24.0	1.0	2.0		8.0	
82	7725072	47.4762	-67.4888	0	0	1	24.0	23.0	94.0	830.0	2.88	20.0	64.0	1.0	2.0		12.0	
82	7725073	47.4738	-67.4867	0	0	1	26.0	23.0	87.0	580.0	2.82	20.0	64.0	1.0	2.0	2.1	12.0	
82	7725074	47.4725	-67.4830	0	0	1	9.0	23.0	60.0	1400.0	1.79	14.0	46.0	1.5	2.0		24.0	
82	7725075	47.4712	-67.4805	0	0	1	10.0	23.0	54.0	520.0	1.62	14.0	39.0	1.5	2.0		24.0	
82	7725076	47.4695	-67.4795	0	0	1	12.0	23.0	58.0	710.0	2.00	16.0	49.0	1.5	2.0	1.5	24.0	
82	7725077	47.4677	-67.4795	0	0	1	15.0	26.0	58.0	760.0	2.03	18.0	58.0	1.5	2.0		24.0	
82	7725078	47.4655	-67.4790	0	0	1	9.0	20.0	51.0	390.0	1.57	12.0	39.0	1.0	2.0		24.0	
82	7725079	47.4628	-67.4764	0	0	1	13.0	23.0	109.0	740.0	2.20	16.0	39.0	1.0	2.0	1.7	12.0	
82	7725080	47.4610	-67.4763	0	0	1	14.0	20.0	60.0	720.0	2.31	15.0	39.0	1.0	2.0		20.0	
82	7725081	47.4650	-67.4767	0	0	1	8.0	13.0	42.0	640.0	1.44	12.0	36.0	1.0	2.0		24.0	
82	7725082	47.4640	-67.4735	0	0	1	10.0	23.0	58.0	740.0	1.96	16.0	52.0	1.5	2.0	1.5	20.0	
82	7725083	47.4653	-67.4715	0	0	1	9.0	16.0	51.0	490.0	1.58	13.0	42.0	1.0	2.0		24.0	
82	7725084	47.4653	-67.4680	0	0	1	9.0	20.0	53.0	340.0	1.64	14.0	47.0	1.5	2.0		24.0	
82	7725085	47.4650	-67.4653	0	0	1	10.0	20.0	54.0	680.0	1.78	14.0	48.0	1.5	2.0	1.7	28.0	
82	7725086	47.4640	-67.4630	0	0	1	10.0	16.0	51.0	680.0	1.62	13.0	43.0	1.0	2.0		28.0	
82	7725087	47.4630	-67.4603	0	0	1	9.0	16.0	53.0	690.0	1.68	12.0	44.0	1.0	2.0		24.0	
82	7725088	47.4622	-67.4570	0	0	1	10.0	20.0	51.0	650.0	1.70	13.0	45.0	1.0	2.0	1.5	24.0	
82	7725089	47.4450	-67.4576	0	0	1	11.0	26.0	58.0	840.0	1.93	14.0	50.0	1.0	2.0		8.0	
82	7725090	47.4463	-67.4592	0	0	1	14.0	30.0	64.0	510.0	2.05	14.0	53.0	1.0	2.0	1.8	12.0	
82	7725091	47.4465	-67.4645	0	0	1	5.0	20.0	62.0	1300.0	1.78	11.0	35.0	.5	2.0		12.0	
82	7725092	47.4473	-67.4670	0	0	1	8.0	40.0	46.0	840.0	1.30	16.0	39.0	2.0	2.0		20.0	
82	7725093	47.4495	-67.4695	0	0	1	8.0	26.0	47.0	220.0	.80	8.0	16.0	1.5	2.0	.6	4.0	
82	7725094	47.4480	-67.4700	0	0	1	6.0	26.0	18.0	90.0	.30	6.0	11.0	1.5	2.0		8.0	
82	7725095	47.4465	-67.4725	0	0	1	7.0	26.0	37.0	60.0	.28	6.0	13.0	1.5	2.0		4.0	
82	7725096	47.4456	-67.4625	0	0	1	11.0	20.0	66.0	910.0	1.88	13.0	71.0	1.0	2.0	1.7	8.0	
82	7725097	47.4442	-67.4647	0	0	1	9.0	20.0	78.0	1700.0	2.83	17.0	83.0	1.0	2.0		8.0	
82	7725098	47.4431	-67.4669	0	0	1	12.0	20.0	77.0	1300.0	2.22	15.0	86.0	1.0	2.0		12.0	
82	7725099	47.4421	-67.4697	0	0	1	9.0	17.0	86.0	1600.0	2.57	17.0	84.0	.5	2.0	2.0	8.0	
82	7725100	47.4400	-67.4725	0	0	1	7.0	13.0	42.0	100.0	.88	7.0	23.0	1.0	2.0		12.0	

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MAP SHEET 7725 21 O/6E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7725101	47.4385	-67.4713	0	0	1	10.0	13.0	66.0	740.0	1.92	14.0	80.0	.5	2.0		12.0	
82	7725102	47.4360	-67.4712	0	0	1	10.0	17.0	84.0	1900.0	2.63	17.0	89.0	1.0	2.0	1.7	8.0	
82	7725103	47.4350	-67.4713	0	0	1	9.0	17.0	88.0	1400.0	2.92	18.0	90.0	1.0	2.0		8.0	
82	7725104	47.4335	-67.4712	0	0	1	14.0	23.0	86.0	720.0	2.40	18.0	103.0	1.0	2.0		8.0	
82	7725105	47.4312	-67.4710	0	0	1	10.0	17.0	88.0	990.0	2.67	18.0	94.0	.5	2.0	2.1	12.0	
82	7725106	47.4298	-67.4720	0	0	1	9.0	17.0	91.0	1200.0	2.81	18.0	100.0	1.0	2.0		12.0	
82	7725107	47.4280	-67.4724	0	0	1	13.0	17.0	84.0	520.0	2.60	20.0	114.0	1.0	2.0		12.0	
82	7725108	47.4260	-67.4720	0	0	1	13.0	20.0	93.0	1200.0	2.50	18.0	112.0	1.0	2.0	2.8	12.0	
82	7725109	47.4232	-67.4700	0	0	1	17.0	30.0	128.0	1100.0	3.19	23.0	113.0	1.0	2.0		12.0	
82	7725110	47.4215	-67.4680	0	0	1	14.0	17.0	82.0	850.0	2.80	21.0	111.0	1.0	2.0		12.0	
82	7725111	47.4193	-67.4655	0	0	1	15.0	20.0	73.0	490.0	2.36	17.0	100.0	.5	2.0	3.8	8.0	
82	7725112	47.4182	-67.4630	0	0	1	20.0	31.0	81.0	1060.0	2.73	19.0	102.0	1.0	2.0		4.0	
82	7725113	47.4165	-67.4615	0	0	1	18.0	23.0	77.0	1000.0	2.41	19.0	108.0	.5	2.0		8.0	
82	7725114	47.4150	-67.4584	0	0	1	18.0	25.0	75.0	1300.0	2.16	18.0	112.0	.5	2.0	3.1	4.0	
82	7725115	47.4138	-67.4561	0	0	1	24.0	26.0	88.0	860.0	2.69	23.0	120.0	1.0	2.0		8.0	
82	7725116	47.4230	-67.4718	0	0	1	20.0	23.0	66.0	1200.0	1.89	20.0	153.0	.5	2.0		8.0	
82	7725117	47.4217	-67.4732	0	0	1	14.0	20.0	93.0	630.0	2.40	18.0	115.0	.5	2.0	3.5	4.0	
82	7725118	47.4203	-67.4768	0	0	1	12.0	20.0	109.0	10400.0	2.02	14.0	27.0	1.5	2.0		8.0	
82	7725119	47.4200	-67.4740	0	0	1	18.0	17.0	84.0	560.0	2.54	19.0	140.0	1.0	2.0		8.0	
82	7725120	47.4183	-67.4737	0	0	1	11.0	26.0	78.0	500.0	2.95	51.0	128.0	1.0	2.0		8.0	
82	7725121	47.4160	-67.4730	0	0	1	10.0	23.0	76.0	630.0	3.00	21.0	141.0	1.0	2.0	2.8	8.0	
82	7725122	47.4135	-67.4722	0	0	1	16.0	23.0	72.0	700.0	2.93	22.0	134.0	1.0	2.0		12.0	
82	7725123	47.4110	-67.4704	0	0	1	13.0	26.0	71.0	1100.0	2.76	21.0	91.0	1.0	2.0	3.5	12.0	
82	7725124	47.4106	-67.4723	0	0	1	15.0	23.0	80.0	960.0	2.91	23.0	167.0	1.0	2.0		8.0	
82	7725125	47.4085	-67.4760	0	0	2	17.0	30.0	85.0	1100.0	3.23	24.0	179.0	1.0	2.0		8.0	
82	7725126	47.4063	-67.4767	0	0	1	17.0	26.0	74.0	1100.0	2.85	23.0	166.0	1.0	2.0	3.0	8.0	
82	7725127	47.4035	-67.4770	0	0	1	20.0	33.0	87.0	1300.0	3.42	26.0	177.0	1.0	2.0		8.0	
82	7725128	47.4013	-67.4742	0	0	1	16.0	23.0	74.0	1300.0	3.02	25.0	169.0	1.0	2.0		12.0	
82	7725129	47.4958	-67.4434	0	0	2	10.0	33.0	83.0	20000.0	2.23	22.0	24.0	2.0	2.0	3.0	12.0	
82	7725130	47.4973	-67.4411	0	0	2	11.0	33.0	58.0	1200.0	.75	10.0	19.0	2.0	2.0		8.0	
82	7725131	47.4994	-67.4405	0	0	2	16.0	33.0	65.0	700.0	1.17	12.0	24.0	2.0	2.0	1.5	12.0	
82	7725132	47.3758	-67.4302	0	0	1	12.0	23.0	87.0	540.0	3.44	22.0	135.0	2.0	2.0		8.0	
82	7725133	47.3794	-67.4298	0	0	1	16.0	30.0	72.0	720.0	2.50	20.0	145.0	1.0	2.0		8.0	
82	7725134	47.3826	-67.4296	0	0	1	11.0	23.0	85.0	690.0	3.32	18.0	144.0	1.0	2.0		8.0	
82	7725135	47.3992	-67.4330	0	0	1	16.0	23.0	47.0	360.0	1.98	18.0	106.0	1.0	2.0		16.0	
82	7725136	47.3963	-67.4304	0	0	1	23.0	29.0	68.0	680.0	2.31	24.0	194.0	1.0	2.0	3.3	12.0	
82	7725137	47.3943	-67.4222	0	0	1	39.0	39.0	109.0	1100.0	2.91	36.0	294.0	1.0	2.0		8.0	
82	7725138	47.3952	-67.4190	0	0	1	48.0	36.0	109.0	1500.0	3.43	45.0	324.0	1.0	2.0	6.5	8.0	
82	7725139	47.4045	-67.4053	0	0	1	18.0	26.0	104.0	1100.0	2.50	22.0	255.0	1.0	2.0		12.0	
82	7725140	47.4023	-67.4074	0	0	1	23.0	36.0	97.0	1500.0	2.53	24.0	238.0	1.0	2.0		12.0	
82	7725141	47.3998	-67.4094	0	0	1	20.0	26.0	94.0	1500.0	2.14	20.0	244.0	1.0	2.0		8.0	
82	7725142	47.3975	-67.4123	0	0	1	27.0	29.0	94.0	1300.0	2.63	22.0	206.0	1.0	2.0		8.0	
82	7725143	47.3962	-67.4146	0	0	1	23.0	33.0	75.0	530.0	2.39	19.0	106.0	1.0	2.0	3.3	8.0	
82	7725144	47.3957	-67.4170	0	0	1	16.0	52.0	71.0	600.0	1.93	15.0	112.0	1.0	2.0		8.0	
82	7725145	47.3935	-67.4150	0	0	1	18.0	39.0	59.0	170.0	.47	9.0	33.0	1.0	2.0		8.0	
82	7725146	47.3902	-67.4137	0	0	1	6.0	16.0	43.0	150.0	1.39	8.0	52.0	.5	2.0	1.7	12.0	
82	7725147	47.3864	-67.4114	0	0	1	7.0	16.0	43.0	120.0	1.04	8.0	46.0	.5	2.0		8.0	
82	7725148	47.3837	-67.4095	0	0	1	8.0	26.0	66.0	310.0	2.07	12.0	81.0	1.0	2.0		8.0	
82	7725149	47.3808	-67.4079	0	0	1	6.0	16.0	50.0	200.0	1.62	10.0	55.0	.5	2.0	1.5	12.0	
82	7725150	47.3767	-67.4049	0	0	1	8.0	20.0	56.0	360.0	1.59	12.0	65.0	1.0	2.0		12.0	

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MAP SHEET 7725 21 0/6E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7725151	47.3767	-67.4554	0	0	1	24.0	27.0	50.0	1000.0	1.35	49.0	242.0	.5	2.0	5.0	8.0	
82	7725152	47.3752	-67.4420	0	0	1	13.0	24.0	63.0	400.0	2.29	18.0	110.0	1.0	2.0		12.0	
82	7725153	47.3777	-67.4432	0	0	1	11.0	24.0	63.0	404.0	2.31	16.0	97.0	1.0	2.0		12.0	
82	7725154	47.3795	-67.4450	0	0	1	25.0	61.0	83.0	2200.0	2.86	37.0	270.0	1.0	2.0	5.7	8.0	
82	7725155	47.3805	-67.4433	0	0	1	12.0	24.0	73.0	980.0	2.53	21.0	116.0	1.0	2.0		12.0	
82	7725156	47.3832	-67.4438	0	0	1	10.0	22.0	63.0	670.0	2.48	17.0	96.0	1.0	2.0		12.0	
82	7725157	47.3856	-67.4448	0	0	1	15.0	25.0	58.0	520.0	2.66	20.0	104.0	1.0	2.0	2.2	8.0	
82	7725158	47.3891	-67.4462	0	0	1	11.0	25.0	66.0	720.0	2.90	18.0	105.0	1.0	2.0		8.0	
82	7725159	47.3819	-67.4471	0	0	1	24.0	28.0	43.0	530.0	2.84	26.0	118.0	1.0	2.0		12.0	
82	7725160	47.3844	-67.4495	0	0	1	24.0	31.0	55.0	880.0	1.72	28.0	269.0	1.0	2.0	7.0	12.0	
82	7725161	47.3857	-67.4533	0	0	1	20.0	31.0	51.0	1200.0	2.19	30.0	221.0	1.0	2.0		8.0	
82	7725162	47.4036	-67.4230	0	0	1	17.0	34.0	65.0	320.0	2.97	19.0	89.0	1.0	2.0		8.0	
82	7725163	47.4061	-67.4266	0	0	1	17.0	31.0	73.0	350.0	3.21	20.0	91.0	1.0	2.0	1.5	8.0	
82	7725164	47.4094	-67.4266	0	0	1	10.0	41.0	71.0	430.0	2.84	18.0	80.0	1.0	2.0		8.0	
82	7725165	47.4119	-67.4294	0	0	1	10.0	31.0	86.0	520.0	3.15	19.0	78.0	1.0	2.0		16.0	
82	7725166	47.4150	-67.4314	0	0	1	11.0	25.0	58.0	650.0	2.39	16.0	67.0	1.0	2.0	2.0	12.0	
82	7725167	47.4169	-67.4317	0	0	1	11.0	28.0	58.0	740.0	2.02	14.0	53.0	1.0	2.0		8.0	
82	7725168	47.4182	-67.4346	0	0	1	9.0	43.0	66.0	640.0	2.41	16.0	70.0	1.0	2.0		16.0	
82	7725169	47.4192	-67.4391	0	0	1	9.0	22.0	42.0	200.0	1.91	10.0	44.0	1.0	2.0	1.8	8.0	
82	7725170	47.4203	-67.4422	0	0	1	10.0	28.0	60.0	490.0	3.25	13.0	57.0	.5	2.0		8.0	
82	7725171	47.4218	-67.4439	0	0	1	10.0	31.0	52.0	1000.0	1.50	10.0	42.0	1.0	2.0		8.0	
82	7725172	47.4235	-67.4445	0	0	1	12.0	37.0	61.0	930.0	2.60	16.0	73.0	.5	2.0	1.2	12.0	
82	7725173	47.4254	-67.4446	0	0	1	12.0	34.0	58.0	1400.0	2.34	15.0	60.0	1.0	2.0		8.0	
82	7725174	47.4268	-67.4464	0	0	1	10.0	37.0	69.0	650.0	2.60	17.0	73.0	1.0	2.0		8.0	
82	7725175	47.4284	-67.4482	0	0	2	11.0	37.0	39.0	1200.0	2.13	13.0	44.0	1.0	2.0	2.6	4.0	
82	7725176	47.4304	-67.4496	0	0	2	12.0	28.0	55.0	2500.0	1.89	14.0	43.0	.5	2.0		8.0	
82	7725177	47.4324	-67.4504	0	0	1	11.0	31.0	61.0	1400.0	2.28	14.0	56.0	1.0	2.0		12.0	
82	7725178	47.4342	-67.4517	0	0	1	12.0	25.0	50.0	330.0	2.00	14.0	54.0	1.0	2.0	2.5	8.0	
82	7725179	47.4357	-67.4540	0	0	1	10.0	31.0	73.0	980.0	2.34	15.0	63.0	1.0	2.0		8.0	
82	7725180	47.4381	-67.4559	0	0	1	13.0	25.0	77.0	1100.0	2.62	17.0	65.0	1.0	2.0		8.0	
82	7725181	47.4144	-67.4990	0	0	1	31.0	43.0	142.0	900.0	2.48	20.0	97.0	1.0	2.0	4.2	4.0	
82	7725182	47.4128	-67.4905	0	0	1	21.0	34.0	76.0	1100.0	2.38	19.0	73.0	1.0	2.0		8.0	
82	7725183	47.4114	-67.4885	0	0	1	23.0	34.0	61.0	1000.0	2.50	21.0	83.0	1.0	2.0		8.0	
82	7725184	47.4098	-67.4864	0	0	1	23.0	28.0	56.0	870.0	2.67	21.0	72.0	1.0	2.0	5.3	4.0	
82	7725185	47.4084	-67.4846	0	0	1	25.0	40.0	60.0	560.0	3.36	25.0	89.0	1.0	2.0		8.0	
82	7725186	47.4146	-67.4929	0	0	1	22.0	31.0	66.0	870.0	2.34	18.0	17.0	1.0	2.0		8.0	
82	7725187	47.4374	-67.4761	0	0	1	11.0	31.0	73.0	1600.0	1.23	13.0	22.0	1.0	2.0		12.0	
82	7725188	47.4353	-67.4784	0	0	1	10.0	19.0	51.0	1100.0	.92	10.0	20.0	1.0	2.0		8.0	
82	7725189	47.4337	-67.4824	0	0	1	11.0	25.0	63.0	2100.0	1.12	10.0	20.0	1.0	2.0	1.5	16.0	
82	7725190	47.4324	-67.4858	0	0	1	11.0	19.0	54.0	1000.0	.88	11.0	19.0	1.0	2.0		12.0	
82	7725191	47.4494	-67.4573	0	0	1	9.0	22.0	60.0	440.0	1.87	13.0	50.0	1.0	2.0	1.7	12.0	
82	7725192	47.4510	-67.4570	0	0	1	10.0	22.0	63.0	450.0	2.08	14.0	52.0	1.0	2.0		12.0	
82	7725193	47.4524	-67.4564	0	0	1	12.0	22.0	51.0	200.0	1.69	14.0	55.0	1.0	2.0		12.0	
82	7725194	47.4547	-67.4555	0	0	1	11.0	19.0	40.0	470.0	1.75	12.0	39.0	1.0	2.0	1.6	8.0	
82	7725195	47.4564	-67.4555	0	0	1	9.0	19.0	48.0	540.0	1.60	12.0	39.0	1.0	2.0		12.0	
82	7725196	47.4583	-67.4553	0	0	1	8.0	19.0	48.0	450.0	1.58	13.0	42.0	1.0	2.0		16.0	
82	7725197	47.4602	-67.4558	0	0	1	6.0	15.0	44.0	370.0	1.50	11.0	35.0	.5	2.0	1.3	16.0	
82	7725198	47.4613	-67.4542	0	0	1	8.0	25.0	49.0	640.0	1.42	11.0	22.0	1.0	2.0		12.0	
82	7725199	47.4627	-67.4513	0	0	1	6.0	19.0	48.0	900.0	1.43	12.0	27.0	1.0	2.0		16.0	
82	7725200	47.4652	-67.4493	0	0	1	5.0	19.0	49.0	700.0	1.45	12.0	34.0	1.0	2.0	1.1	16.0	

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7725 21 O/6E

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7725201	47.4669	-67.4470	0	0	1	5.0	19.0	48.0	500.0	1.37	11.0	30.0	.5	2.0		12.0	
82	7725202	47.4685	-67.4450	0	0	2	3.0	9.0	34.0	250.0	1.00	8.0	21.0	.5	2.0		12.0	
82	7725203	47.4695	-67.4418	0	0	2	4.0	9.0	43.0	820.0	1.23	9.0	24.0	.5	2.0	1.5	8.0	
82	7725204	47.4720	-67.4410	0	0	2	8.0	15.0	51.0	210.0	1.47	11.0	33.0	1.0	2.0		8.0	
82	7725205	47.4968	-67.4645	0	0	1	10.0	31.0	37.0	280.0	1.19	15.0	37.0	1.5	2.0		20.0	
82	7725206	47.4942	-67.4707	0	0	2	6.0	15.0	40.0	160.0	1.02	11.0	10.0	1.0	2.0	1.5	12.0	
82	7725207	47.4929	-67.4729	0	0	2	11.0	19.0	55.0	370.0	1.29	10.0	29.0	1.0	2.0		16.0	
82	7725208	47.4913	-67.4770	0	0	1	8.0	12.0	38.0	90.0	.90	7.0	26.0	.5	2.0	1.0	16.0	
82	7725209	47.4892	-67.4792	0	0	1	5.0	12.0	35.0	160.0	.97	7.0	21.0	.5	2.0		12.0	
82	7725210	47.4877	-67.4820	0	0	1	4.0	12.0	38.0	160.0	1.00	7.0	22.0	.5	2.0		12.0	
82	7725211	47.4878	-67.4845	0	0	1	12.0	22.0	48.0	160.0	1.19	10.0	30.0	1.0	2.0	1.3	12.0	
82	7725212	47.4845	-67.4872	0	0	1	5.0	12.0	37.0	200.0	1.01	7.0	23.0	.5	2.0		12.0	
82	7725213	47.4830	-67.4908	0	0	1	10.0	28.0	69.0	930.0	1.95	16.0	49.0	1.0	2.0		16.0	
82	7725214	47.4826	-67.4952	0	0	1	11.0	25.0	78.0	600.0	2.37	16.0	52.0	1.0	2.0	1.6	20.0	
82	7725215	47.4825	-67.4980	0	0	1	10.0	19.0	72.0	430.0	2.33	15.0	47.0	1.0	2.0		12.0	
82	7725216	47.4793	-67.4990	0	0	1	18.0	30.0	58.0	410.0	1.39	13.0	28.0	1.0	2.0		16.0	
82	7725217	47.4844	-67.4964	0	0	1	9.0	33.0	78.0	710.0	2.15	20.0	58.0	2.0	2.0	1.8	28.0	
82	7725218	47.4869	-67.4960	0	0	1	13.0	9.0	53.0	290.0	1.54	7.0	35.0	1.0	2.0		16.0	
82	7725219	47.4886	-67.4976	0	0	1	11.0	24.0	69.0	560.0	1.70	14.0	40.0	1.0	2.0		20.0	
82	7725220	47.4905	-67.4980	0	0	1	10.0	21.0	60.0	380.0	1.84	14.0	40.0	1.0	2.0		16.0	
82	7725221	47.4914	-67.4998	0	0	1	10.0	18.0	57.0	390.0	1.59	13.0	38.0	1.0	2.0	1.7	20.0	
82	7725222	47.4827	-67.4865	0	0	1	12.0	24.0	61.0	490.0	1.80	14.0	44.0	1.0	2.0		20.0	
82	7725223	47.4814	-67.4851	0	0	1	12.0	18.0	58.0	520.0	1.73	13.0	42.0	1.0	2.0		16.0	
82	7725224	47.4802	-67.4860	0	0	1	7.0	15.0	46.0	560.0	1.48	10.0	31.0	.5	2.0	1.6	16.0	
82	7725225	47.4792	-67.4873	0	0	1	8.0	15.0	46.0	420.0	1.45	11.0	32.0	1.0	2.0		20.0	
82	7725225	47.4792	-67.4873	0	0	1	8.0	15.0	46.0	420.0	1.45	11.0	32.0	1.0	2.0		20.0	

21 O/6E
1. STATISTICS 1

****
* COPPER *
****

VARIABLE NUMBER	2	MAXIMUM	48.0000000
NUMBER OF DISTINCT VALUES .	33	MINIMUM	3.0000000
NUMBER OF VALUES COUNTED. .	225	RANGE	45.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	50.6146545
		ST.DEV.	7.1143980
		(Q3-Q1)/2	3.5000000
		MX.ST.SC.	4.91
		MN.ST.SC.	-1.42

LOCATION ESTIMATES

		ST.ERROR
MEAN	13.0755548	0.4742932
MEDIAN	11.0000000	0.2886752
MODE	10.0000000	

EACH 'H' REPRESENTS 6 COUNT(S)

EACH '-' ABOVE = 2.0000
L= 4.0000
U= 50.0000

CASE NO. OF MIN. VAL. = 202
CASE NO. OF MAX. VAL. = 138

	VALUE	VALUE/S.E.
SKEWNESS	1.81	11.07
KURTOSIS	4.08	12.50

Q1= 9.0000000
Q3= 16.0000000
S-= 5.9611568
S+= 20.1899414

EACH '.' BELOW = 0.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
3.	1	0.4	0.4	12.	18	8.0	64.0	21.	2	0.9	87.6	32.	1	0.4	97.3
4.	2	0.9	1.3	13.	12	5.3	69.3	22.	1	0.4	88.0	33.	1	0.4	97.8
5.	8	3.6	4.9	14.	6	2.7	72.0	23.	5	2.2	90.2	35.	2	0.9	98.7
6.	14	6.2	11.1	15.	4	1.8	73.8	24.	6	2.7	92.9	39.	1	0.4	99.1
7.	8	3.6	14.7	16.	10	4.4	78.2	25.	2	0.9	93.8	42.	1	0.4	99.6
8.	16	7.1	21.8	17.	6	2.7	80.9	26.	1	0.4	94.2	48.	1	0.4	100.0
9.	23	10.2	32.0	18.	7	3.1	84.0	27.	4	1.8	95.0				
10.	33	14.7	46.7	19.	1	0.4	84.4	30.	1	0.4	96.4				
11.	21	9.3	56.0	20.	5	2.2	86.7	31.	1	0.4	96.9				

PAGE 3 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7725 21 O/6E

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*************
* LEAD      *
*************

VARIABLE NUMBER . . . . . .          3        MAXIMUM        61.0000000
NUMBER OF DISTINCT VALUES .         35        MINIMUM         8.0000000
NUMBER OF VALUES COUNTED. .        225        RANGE          53.0000000
NUMBER OF VALUES NOT COUNTED         0        VARIANCE       65.8192902
                                              ST.DEV.         8.1129093
                                              (Q3-Q1)/2       4.5000000
                                              MX.ST.SC.       4.58
                                              MN.ST.SC.      -1.95

LOCATION ESTIMATES                                     ST.ERROR
                  MEAN              23.8311005         0.5408606
                  MEDIAN            23.0000000         0.0
                  MODE              23.0000000
```

```
        H H
        H HH
        H HH
        H HH                       EACH 'H'
       HH HH                       REPRESENTS
       HH HH H                         4
      HHH HH H                     COUNT(S)
      HHHHHHHHH
    H HHHHHHHHHH
    HHHHHHHHHHHHHHHH  H H H
  L-----------------------U

  EACH '-' ABOVE =        2.5000
               L=         5.0000
               U=        62.5000
CASE NO. OF MIN. VAL. =    9
CASE NO. OF MAX. VAL. =  154
```

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                                                       Q1=   19.0000000
                     VALUE     VALUE/S.E.              Q3=   28.0000000
SKEWNESS              0.99          6.08               S-=   15.7181911
KURTOSIS              2.39          7.31               S+=   31.9440002

                                  EACH '.' BELOW =        0.5000

            S     Q          Q      S
M           -     1    M M   3      +                                 M
I......................E.E............................................A
N                      D A                                            X
                       I N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
8.	3	1.3	1.3	19.	17	7.6	31.1	28.	6	2.7	76.9	39.	3	1.3	96.0
9.	3	1.3	2.7	20.	15	6.7	37.8	29.	3	1.3	78.2	40.	2	0.9	96.9
10.	1	0.4	3.1	21.	1	0.4	38.2	30.	8	3.6	81.8	41.	1	0.4	97.3
12.	4	1.8	4.9	22.	8	3.6	41.8	31.	11	4.9	86.7	42.	1	0.4	97.8
13.	9	4.0	8.9	23.	32	14.2	56.0	32.	1	0.4	87.1	43.	2	0.9	98.7
15.	5	2.2	11.1	24.	5	2.2	58.2	33.	6	2.7	89.8	52.	1	0.4	99.1
16.	14	6.2	17.3	25.	10	4.4	62.7	34.	4	1.8	91.6	55.	1	0.4	99.6
17.	9	4.0	21.3	26.	25	11.1	73.8	36.	4	1.8	93.3	61.	1	0.4	100.0
18.	5	2.2	23.6	27.	1	0.4	74.2	37.	3	1.3	94.7				

PAGE 4 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7725 21 0/6E

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*************
* ZINC      *
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VARIABLE NUMBER . . . . . . .        4      MAXIMUM        142.0000000
NUMBER OF DISTINCT VALUES .         64      MINIMUM         18.0000000
NUMBER OF VALUES COUNTED. .        225      RANGE          124.0000000
NUMBER OF VALUES NOT COUNTED         0      VARIANCE       324.3229980
                                            ST.DEV.         18.0089722
                                            (Q3-Q1)/2       11.5000000
                                            MX.ST.SC.        4.20
                                            MN.ST.SC.       -2.69

LOCATION ESTIMATES                              ST.ERROR
              MEAN          66.4133301      1.2005978
              MEDIAN        66.0000000      1.4433756
              MODE          NOT UNIQUE
```

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                H
                H
               HHH                 EACH 'H'
              HHHHH               REPRESENTS
              HHHHHH                   5
             HHHHHHH               COUNT(S)
             HHHHHHHH
             HHHHHHHHH
           H HHHHHHHHHHH HH
        L----------------------U

        EACH '-' ABOVE =       7.5000
                     L=        0.0
                     U=      172.4999
 CASE NO. OF MIN. VAL. =   94
 CASE NO. OF MAX. VAL. =  181

                                         Q1=   54.0000000
             VALUE    VALUE/S.E.         Q3=   77.0000000
 SKEWNESS     0.63         3.83          S-=   48.4043579
 KURTOSIS     1.19         3.66          S+=   84.4223022

        EACH '.' BELOW =       1.0000

                  S   Q                        Q     S
M                 -   1              MM        3     +                                    M
I....................................EE..................................................A
N                                    DA                                                   X
                                     IN
```

VALUE	COUNT	CELL %	CUM %	VALUE	COUNT	CELL %	CUM %	VALUE	COUNT	CELL %	CUM %	VALUE	COUNT	CELL %	CUM %
18.	1	0.4	0.4	51.	9	4.0	22.7	68.	5	2.2	57.3	86.	5	2.2	88.0
34.	2	0.9	1.3	52.	1	0.4	23.1	69.	4	1.8	59.1	87.	4	1.8	89.8
35.	2	0.9	2.2	53.	4	1.8	24.9	71.	5	2.2	61.3	88.	3	1.3	91.1
37.	3	1.3	3.6	54.	4	1.8	26.7	72.	7	3.1	64.4	89.	1	0.4	91.6
38.	2	0.9	4.4	55.	3	1.3	28.0	73.	7	3.1	67.6	90.	1	0.4	92.0
39.	1	0.4	4.9	56.	4	1.8	29.8	74.	4	1.8	69.3	91.	1	0.4	92.4
40.	2	0.9	5.8	57.	1	0.4	30.2	75.	5	2.2	71.6	92.	1	0.4	92.9
42.	3	1.3	7.1	58.	13	5.8	36.0	76.	4	1.8	73.3	93.	2	0.9	93.8
43.	6	2.7	9.8	59.	2	0.9	36.9	77.	8	3.6	76.9	94.	4	1.8	95.6
44.	1	0.4	10.2	60.	8	3.6	40.4	78.	5	2.2	79.1	96.	1	0.4	96.0
45.	1	0.4	10.7	61.	4	1.8	42.2	80.	2	0.9	80.0	97.	1	0.4	96.4
46.	3	1.3	12.0	62.	2	0.9	43.1	81.	3	1.3	81.3	104.	1	0.4	96.9
47.	5	2.2	14.2	63.	6	2.7	45.8	82.	2	0.9	82.2	109.	4	1.8	98.7
48.	5	2.2	16.4	64.	4	1.8	47.6	83.	3	1.3	83.6	116.	1	0.4	99.1
49.	2	0.9	17.3	65.	4	1.8	49.3	84.	3	1.3	84.9	128.	1	0.4	99.6
50.	3	1.3	18.7	66.	13	5.8	55.1	85.	2	0.9	85.8	142.	1	0.4	100.0

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*************
* MANGANES *
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VARIABLE NUMBER . . . . . .        5      MAXIMUM       20000.0000000
NUMBER OF DISTINCT VALUES .       97      MINIMUM          60.0000000
NUMBER OF VALUES COUNTED. .      225      RANGE         19940.0000000
NUMBER OF VALUES NOT COUNTED       0      VARIANCE    2542954.0000000
                                          ST.DEV.        1594.6643066
                                          (Q3-Q1)/2       345.0000000
                                          MX.ST.SC.        11.94
                                          MN.ST.SC.        -0.56

LOCATION ESTIMATES                              ST.ERROR
                 MEAN         959.3510742    106.3109436
                 MEDIAN       690.0000000     31.7542725
                 MODE        1100.0000000
```

```
H
H
H
H                              EACH 'H'
H                              REPRESENTS
H                                 17
H                              COUNT(S)
HH
HH
HHH  HH   H        H
L-------------------U

EACH '-' ABOVE =     1000.0000
             L=         0.0
             U=     23000.0000
CASE NO. OF MIN. VAL. =  95
CASE NO. OF MAX. VAL. = 129
```

```
                                                 Q1=  410.0000000
                  VALUE   VALUE/S.E.             Q3= 1100.0000000
SKEWNESS           8.78        53.80             S-= -635.3132324
KURTOSIS          93.77       207.10             S+= 2554.0153809

                  EACH '.' BELOW =     200.0000
```

```
S   Q  Q      S
-  M 1 MMM    +                                                                  M
...I...EEO.......................................................................A
   N   DAD                                                                       X
       INE
```

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
60.	1	0.4	0.4	380.	1	0.4	22.2	680.	3	1.3	49.3	1000.	7	3.1	72.9
90.	3	1.3	1.8	390.	3	1.3	23.6	690.	2	0.9	50.2	1060.	1	0.4	73.3
100.	1	0.4	2.2	400.	2	0.9	24.4	700.	3	1.3	51.6	1100.	13	5.8	79.1
120.	2	0.9	3.1	404.	1	0.4	24.9	710.	2	0.9	52.4	1200.	7	3.1	82.2
150.	1	0.4	3.6	410.	1	0.4	25.3	720.	5	2.2	54.7	1300.	11	4.9	87.1
160.	5	2.2	5.8	420.	2	0.9	26.2	740.	4	1.8	56.4	1400.	5	2.2	89.3
170.	2	0.9	6.7	430.	2	0.9	27.1	760.	1	0.4	56.9	1500.	4	1.8	91.1
190.	1	0.4	7.1	440.	2	0.9	28.0	800.	1	0.4	57.3	1600.	2	0.9	92.0
200.	5	2.2	9.3	450.	4	1.8	29.8	820.	2	0.9	58.2	1700.	1	0.4	92.4
210.	1	0.4	9.8	470.	2	0.9	30.7	830.	1	0.4	58.7	1800.	2	0.9	93.3
220.	2	0.9	10.7	490.	5	2.2	32.9	840.	3	1.3	60.0	1900.	2	0.9	94.2
230.	1	0.4	11.1	500.	2	0.9	33.8	850.	1	0.4	60.4	2000.	1	0.4	94.7
240.	1	0.4	11.6	510.	2	0.9	34.7	860.	3	1.3	61.8	2100.	3	1.3	96.0
250.	2	0.9	12.4	520.	5	2.2	36.9	870.	2	0.9	62.7	2200.	1	0.4	96.4
270.	1	0.4	12.9	530.	2	0.9	37.8	880.	1	0.4	63.1	2400.	1	0.4	96.9
280.	2	0.9	13.8	540.	2	0.9	38.7	890.	1	0.4	63.6	2500.	1	0.4	97.3
290.	3	1.3	15.1	550.	3	1.3	40.0	900.	3	1.3	64.9	2600.	1	0.4	97.8
300.	1	0.4	15.6	560.	5	2.2	42.2	910.	1	0.4	65.3	3000.	1	0.4	98.2
310.	4	1.8	17.3	580.	1	0.4	42.7	920.	1	0.4	65.8	6000.	1	0.4	98.7
320.	2	0.9	18.2	590.	1	0.4	43.1	930.	2	0.9	66.7	6100.	1	0.4	99.1
330.	1	0.4	18.7	600.	2	0.9	44.0	950.	1	0.4	67.1	10400.	1	0.4	99.6
340.	1	0.4	19.1	630.	2	0.9	44.9	960.	1	0.4	67.6	20000.	1	0.4	100.0
350.	1	0.4	19.6	640.	3	1.3	46.2	970.	1	0.4	68.0				

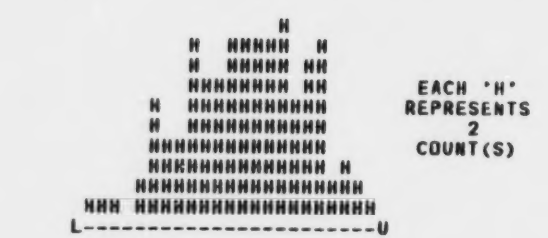
360.	3	1.3	20.9		650.	3	1.3	47.6		980.	3	1.3	69.3		
370.	2	0.9	21.8		670.	1	0.4	48.0		990.	1	0.4	69.8		

****
* IRONPCNT *
****

VARIABLE NUMBER	6	MAXIMUM	3.4499998
NUMBER OF DISTINCT VALUES .	149	MINIMUM	0.2900000
NUMBER OF VALUES COUNTED. .	225	RANGE	3.1599998
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.4459574
		ST.DEV.	0.6678004
		(Q3-Q1)/2	0.5100002
		MX.ST.SC.	2.05
		MN.ST.SC.	-2.68

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0793505	0.0445200
MEDIAN	2.0999994	0.0663952
MODE	NOT UNIQUE	



EACH '-' ABOVE = 0.1500
L= 0.1500
U= 3.6000

CASE NO. OF MIN. VAL. = 95
CASE NO. OF MAX. VAL. = 132

	VALUE	VALUE/S.E.
SKEWNESS	-0.10	-1.11
KURTOSIS	-0.61	-1.88

Q1= 1.5899992
Q3= 2.6099997
S-= 1.4115496
S+= 2.7471504

EACH '.' BELOW = 0.0250

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.2900	1	0.4	0.4	1.5500	1	0.4	24.0	2.1200	1	0.4	51.1	2.7100	2	0.9	80.0
0.3100	1	0.4	0.9	1.5800	1	0.4	24.4	2.1300	1	0.4	51.6	2.7200	1	0.4	80.4
0.4800	1	0.4	1.3	1.5900	2	0.9	25.3	2.1400	1	0.4	52.0	2.7400	3	1.3	81.8
0.7600	1	0.4	1.8	1.6000	2	0.9	26.2	2.1500	2	0.9	52.9	2.7700	1	0.4	82.2
0.8100	1	0.4	2.2	1.6100	1	0.4	26.7	2.1600	1	0.4	53.3	2.8000	2	0.9	83.1
0.8900	2	0.9	3.1	1.6300	3	1.3	28.0	2.1700	3	1.3	54.7	2.8100	1	0.4	83.6
0.9100	1	0.4	3.6	1.6500	2	0.9	28.9	2.2000	1	0.4	55.1	2.8200	1	0.4	84.0
0.9300	1	0.4	4.0	1.6900	1	0.4	29.3	2.2100	1	0.4	55.6	2.8300	3	1.3	85.3
0.9800	1	0.4	4.4	1.7000	1	0.4	29.8	2.2300	3	1.3	56.9	2.8400	1	0.4	85.8
0.9900	1	0.4	4.9	1.7100	2	0.9	30.7	2.2400	1	0.4	57.3	2.8500	1	0.4	86.2
1.0100	2	0.9	5.8	1.7300	2	0.9	31.6	2.2600	1	0.4	57.8	2.8600	1	0.4	86.7
1.0200	2	0.9	6.7	1.7400	2	0.9	32.4	2.2900	2	0.9	58.7	2.8700	2	0.9	87.6
1.0300	1	0.4	7.1	1.7500	1	0.4	32.9	2.3000	1	0.4	59.1	2.8900	1	0.4	88.0
1.0500	2	0.9	8.0	1.7800	1	0.4	33.3	2.3200	4	1.8	60.9	2.9100	1	0.4	88.4
1.1000	2	0.9	8.9	1.7900	2	0.9	34.2	2.3400	1	0.4	61.3	2.9200	4	1.8	90.2
1.1200	1	0.4	9.3	1.8000	2	0.9	35.1	2.3500	3	1.3	62.7	2.9300	2	0.9	91.1
1.1300	1	0.4	9.8	1.8100	1	0.4	35.6	2.3600	1	0.4	63.1	2.9400	2	0.9	92.0
1.1800	1	0.4	10.2	1.8400	1	0.4	36.0	2.3700	1	0.4	63.6	2.9500	1	0.4	92.4
1.2000	2	0.9	11.1	1.8500	1	0.4	36.4	2.3800	1	0.4	64.0	2.9600	1	0.4	92.9
1.2100	2	0.9	12.0	1.8600	1	0.4	36.9	2.3900	2	0.9	64.9	2.9700	1	0.4	93.3
1.2300	1	0.4	12.4	1.8800	1	0.4	37.3	2.4000	3	1.3	66.2	2.9800	1	0.4	93.8
1.2400	2	0.9	13.3	1.8900	2	0.9	38.2	2.4100	2	0.9	67.1	3.0000	1	0.4	94.2
1.3000	1	0.4	13.8	1.9000	3	1.3	39.6	2.4200	3	1.3	68.4	3.0300	1	0.4	94.7

1.3100	2	0.9	14.7	1.9200	1	0.4	40.0	2.4700	1	0.4	68.9	3.0500	1	0.4	95.1
1.3600	1	0.4	15.1	1.9300	1	0.4	40.4	2.4800	1	0.4	69.3	3.1400	1	0.4	95.6
1.3800	2	0.9	16.0	1.9400	3	1.3	41.8	2.4900	3	1.3	70.7	3.1600	1	0.4	96.0
1.3900	3	1.3	17.3	1.9500	1	0.4	42.2	2.5000	3	1.3	72.0	3.2000	1	0.4	96.4
1.4000	2	0.9	18.2	1.9600	1	0.4	42.7	2.5100	1	0.4	72.4	3.2200	1	0.4	96.9
1.4200	1	0.4	18.7	1.9700	2	0.9	43.6	2.5400	2	0.9	73.3	3.2400	1	0.4	97.3
1.4300	1	0.4	19.1	1.9900	1	0.4	44.0	2.5500	1	0.4	73.8	3.2600	1	0.4	97.8
1.4400	1	0.4	19.6	2.0000	3	1.3	45.3	2.5800	1	0.4	74.2	3.3300	1	0.4	98.2
1.4500	2	0.9	20.4	2.0100	1	0.4	45.8	2.5900	1	0.4	74.7	3.3700	1	0.4	98.7
1.4600	2	0.9	21.3	2.0300	2	0.9	46.7	2.6100	3	1.3	76.0	3.4300	1	0.4	99.1
1.4800	1	0.4	21.8	2.0400	2	0.9	47.6	2.6300	1	0.4	76.4	3.4400	1	0.4	99.6
1.4900	1	0.4	22.2	2.0600	2	0.9	48.4	2.6400	2	0.9	77.3	3.4500	1	0.4	100.0
1.5000	1	0.4	22.7	2.0800	2	0.9	49.3	2.6700	1	0.4	77.8				
1.5100	1	0.4	23.1	2.0900	1	0.4	49.8	2.6800	2	0.9	78.7				
1.5300	1	0.4	23.6	2.1000	2	0.9	50.7	2.7000	1	0.4	79.1				

```
*************
* COBALT    *
*************                                   MAXIMUM        86.0000000
                                                MINIMUM         6.0000000
                                                RANGE          80.0000000
VARIABLE NUMBER . . . . . .       7             VARIANCE       80.9455109
NUMBER OF DISTINCT VALUES .      34             ST.DEV.         8.9969730
NUMBER OF VALUES COUNTED. .     225             (Q3-Q1)/2       3.5000000
NUMBER OF VALUES NOT COUNTED      0             MX.ST.SC.       7.67
                                                MN.ST.SC.      -1.22

LOCATION ESTIMATES                                      ST.ERROR
                    MEAN            16.9733276           0.5997982
                    MEDIAN          15.0000000           0.5773506
                    MODE            14.0000000
```

```
   H
   HH
   HH                                   EACH 'H'
   HH                                  REPRESENTS
   HH                                       9
  HHH                                   COUNT(S)
  HHHH
  HHHH
  HHHHHHH HH H    H
L-----------------------U

  EACH '-' ABOVE =        5.0000
                L=        0.0
                U=      115.0000
CASE NO. OF MIN. VAL. =    94
CASE NO. OF MAX. VAL. =     8
```

```
                                                      Q1=   12.0000000
                     VALUE   VALUE/S.E.               Q3=   19.0000000
SKEWNESS              3.39        20.76               S-=    7.9763546
KURTOSIS             18.18        55.65               S+=   25.9702911

                  EACH '.' BELOW =        0.7500
```

```
  S    Q        Q       S
M -    1  MM  M 3       +                                                  M
I..........OE..E.........................................................A
N          DD  A                                                           X
           EI  N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
6.	2	0.9	0.9
7.	7	3.1	4.0
8.	7	3.1	7.1
9.	5	2.2	9.3
10.	14	6.2	15.6
11.	15	6.7	22.2
12.	14	6.2	28.4
13.	17	7.6	36.0
14.	23	10.2	46.2
15.	12	5.3	51.6
16.	16	7.1	58.7
17.	8	3.6	62.2
18.	19	8.4	70.7
19.	12	5.3	76.0
20.	12	5.3	81.3
21.	6	2.7	84.0
22.	5	2.2	86.2
23.	4	1.8	88.0
24.	4	1.8	89.8
25.	4	1.8	91.6
26.	4	1.8	93.3
27.	1	0.4	93.8
28.	2	0.9	94.7
30.	1	0.4	95.1
32.	1	0.4	95.6
34.	1	0.4	96.0
36.	1	0.4	96.4
37.	1	0.4	96.9
39.	1	0.4	97.3
45.	1	0.4	97.8
49.	2	0.9	98.7
51.	1	0.4	99.1
60.	1	0.4	99.6
86.	1	0.4	100.0

****
* NICKEL *
****

VARIABLE NUMBER	8	MAXIMUM	407.0000000
NUMBER OF DISTINCT VALUES .	126	MINIMUM	10.0000000
NUMBER OF VALUES COUNTED. .	225	RANGE	397.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	5063.3828125
		ST.DEV.	71.1574554
		(Q3-Q1)/2	33.5000000
		MX.ST.SC.	4.52
		MN.ST.SC.	-1.06

LOCATION ESTIMATES

		ST.ERROR
MEAN	85.2355499	4.7438297
MEDIAN	60.0000000	3.4641027
MODE	39.0000000	

```
HH
HH
HH                          EACH 'H'
HHH                        REPRESENTS
HHH                            6
HHH H                      COUNT(S)
HHHHH
HHHHHHH
HHHHHHHHHHHHHHHHHH    H
L----------------------U
```

EACH '-' ABOVE = 20.0000
L= 0.0
U= 460.0000

CASE NO. OF MIN. VAL. = 206
CASE NO. OF MAX. VAL. = 8

	VALUE	VALUE/S.E.
SKEWNESS	1.82	11.14
KURTOSIS	3.18	9.75

Q1= 39.0000000
Q3= 106.0000000
S-= 14.0780945
S+= 156.3930054

EACH '.' BELOW = 5.0000

```
 S   Q       Q       S
M-  M   M   M 3     +                                          M
I.....O...E....E.....................................................A
N   D   D   A                                                  X
    E   I   N
```

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
10.	1	0.4	0.4	47.	2	0.9	36.0	86.	1	0.4	67.1	145.	1	0.4	86.2
11.	1	0.4	0.9	48.	4	1.8	37.8	89.	3	1.3	68.4	153.	1	0.4	86.7
13.	1	0.4	1.3	49.	2	0.9	38.7	90.	1	0.4	68.9	163.	1	0.4	87.1
16.	1	0.4	1.8	50.	4	1.8	40.4	91.	2	0.9	69.8	166.	1	0.4	87.6
17.	1	0.4	2.2	51.	1	0.4	40.9	94.	1	0.4	70.2	167.	1	0.4	88.0
19.	2	0.9	3.1	52.	4	1.8	42.7	96.	1	0.4	70.7	169.	1	0.4	88.4
20.	3	1.3	4.4	53.	2	0.9	43.6	97.	2	0.9	71.6	177.	1	0.4	88.9
21.	2	0.9	5.3	54.	1	0.4	44.0	100.	2	0.9	72.4	179.	1	0.4	89.3
22.	5	2.2	7.6	55.	5	2.2	46.2	102.	1	0.4	72.9	183.	1	0.4	89.8
23.	2	0.9	8.4	56.	1	0.4	46.7	103.	1	0.4	73.3	188.	1	0.4	90.2
24.	4	1.8	10.2	57.	2	0.9	47.6	104.	1	0.4	73.8	194.	1	0.4	90.7
26.	1	0.4	10.7	58.	3	1.3	48.9	105.	2	0.9	74.7	202.	1	0.4	91.1
27.	4	1.8	12.4	59.	2	0.9	49.8	106.	2	0.9	75.6	206.	1	0.4	91.6
28.	1	0.4	12.9	60.	2	0.9	50.7	108.	1	0.4	76.0	221.	2	0.9	92.4
29.	5	2.2	15.1	62.	2	0.9	51.6	109.	1	0.4	76.4	225.	1	0.4	92.9
30.	2	0.9	16.0	63.	3	1.3	52.9	110.	1	0.4	76.9	230.	2	0.9	93.8
31.	3	1.3	17.3	64.	3	1.3	54.2	111.	1	0.4	77.3	242.	1	0.4	94.2
32.	1	0.4	17.8	65.	3	1.3	55.6	112.	4	1.8	79.1	244.	1	0.4	94.7
33.	2	0.9	18.7	67.	2	0.9	56.4	113.	1	0.4	79.6	255.	1	0.4	95.1
34.	3	1.3	20.0	68.	1	0.4	56.9	114.	1	0.4	80.0	264.	1	0.4	95.6
35.	3	1.3	21.3	70.	2	0.9	57.8	115.	1	0.4	80.4	269.	1	0.4	96.0
36.	1	0.4	21.8	71.	1	0.4	58.2	116.	1	0.4	80.9	270.	1	0.4	96.4
37.	1	0.4	22.2	72.	2	0.9	59.1	118.	1	0.4	81.5	272.	1	0.4	96.9

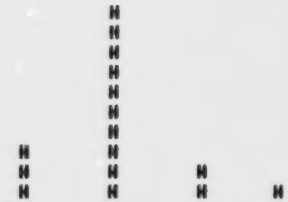
36.	1	0.4	22.7	73.	3	1.3	60.4	120.	1	0.4	81.8	279.	1	0.4	97.3
39.	7	3.1	25.8	74.	2	0.9	61.3	122.	1	0.4	82.2	294.	1	0.4	97.8
40.	2	0.9	26.7	77.	2	0.9	62.2	128.	2	0.9	83.1	296.	1	0.4	98.2
41.	1	0.4	27.1	78.	1	0.4	62.7	134.	1	0.4	83.6	306.	1	0.4	98.7
42.	4	1.8	28.9	79.	1	0.4	63.1	135.	1	0.4	84.0	324.	1	0.4	99.1
43.	4	1.8	30.7	80.	4	1.8	64.9	138.	1	0.4	84.4	325.	1	0.4	99.6
44.	5	2.2	32.9	81.	1	0.4	65.3	140.	1	0.4	84.9	407.	1	0.4	100.0
45.	1	0.4	33.3	83.	2	0.9	66.2	141.	1	0.4	85.3				
46.	4	1.8	35.1	84.	1	0.4	66.7	144.	1	0.4	85.8				

****
* SILVER *
****

VARIABLE NUMBER	9	MAXIMUM	2.0000000
NUMBER OF DISTINCT VALUES .	4	MINIMUM	0.5000000
NUMBER OF VALUES COUNTED. .	225	RANGE	1.5000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0989285
		ST.DEV.	0.3145289
		(Q3-Q1)/2	0.0
		MX.ST.SC.	3.24
		MN.ST.SC.	-1.53

LOCATION ESTIMATES

		ST.ERROR
MEAN	0.9800000	0.0209686
MEDIAN	1.0000000	0.0
MODE	1.0000000	



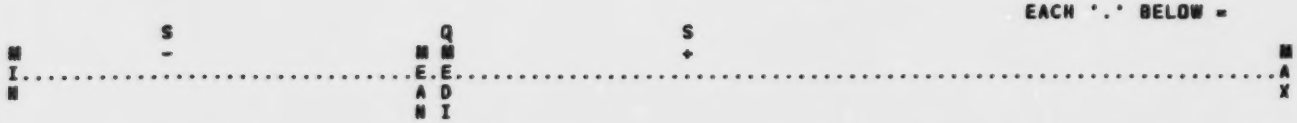
EACH '-' ABOVE = 0.0750
L= 0.4500
U= 2.1750

CASE NO. OF MIN. VAL. = 9
CASE NO. OF MAX. VAL. = 60

	VALUE	VALUE/S.E.
SKEWNESS	0.78	4.77
KURTOSIS	2.08	6.38

Q1= 1.0000000
Q3= 1.0000000
S-= 0.6654710
S+= 1.2945280

EACH '.' BELOW = 0.0150



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.5000	42	18.7	18.7	1.0000	157	69.8	88.4	1.5000	19	8.4	96.9	2.0000	7	3.1	100.0

****
* MOLYBDEN *
****

VARIABLE NUMBER	10	MAXIMUM	2.0000000
NUMBER OF DISTINCT VALUES .	1	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	225	RANGE	0.0
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0
		ST.DEV.	0.0
		(Q3-Q1)/2	0.0
		MX.ST.SC.	0.0
		MN.ST.SC.	0.0

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0000000	0.0
MEDIAN	2.0000000	0.0
MODE	2.0000000	

EACH 'H' REPRESENTS 23 COUNT(S)

EACH '-' ABOVE = 0.0
L= 2.0000
U= 2.0000

CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 1

	VALUE	VALUE/S.E.
SKEWNESS	0.0	0.0
KURTOSIS	0.0	0.0

Q1= 2.0000000
Q3= 2.0000000
S-= 2.0000000
S+= 2.0000000

VALUE	COUNT	PERCENTS CELL	CUM
2.	225	100.0	100.0

PAGE 11 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7725 21 0/6E

```
*************
* URANIUM  *                        MAXIMUM          7.0999994
*************                       MINIMUM          0.7000000
                                    RANGE            6.3999987
VARIABLE NUMBER . . . . . .    11   VARIANCE         1.7340956
NUMBER OF DISTINCT VALUES .    35   ST.DEV.          1.3168507
NUMBER OF VALUES COUNTED. .    73   (Q3-Q1)/2        0.7500000
NUMBER OF VALUES NOT COUNTED  152   MX.ST.SC.        3.42
                                    MN.ST.SC.       -1.44

LOCATION ESTIMATES                              ST.ERROR
                  MEAN            2.5917778     0.1541257
                  MEDIAN          2.0999994     0.2598079
                  MODE            1.7999992
```

```
         H
         H
         H                        EACH 'H'
         H                        REPRESENTS
         H                            2
        HHH  H                    COUNT(S)
        HHH  HH
       HHHHHHHHH
      HHHHHHHHHHHHH HHHH H H
     L-----------------------U

     EACH '-' ABOVE =        0.3000
                  L=         0.6000
                  U=         7.5000
CASE NO. OF MIN. VAL. =   93
CASE NO. OF MAX. VAL. =  160

                                        Q1=     1.6999998
                 VALUE    VALUE/S.E.    Q3=     3.1999998
SKEWNESS          1.36          4.73    S-=     1.2749271
KURTOSIS          1.61          2.81    S+=     3.9086285

     EACH '.' BELOW =        0.0500
```

```
              S      Q                 Q              S
M             -      1 M    M      M   3              +                                    M
I.....................O.....E......E.......................................................A
N                      D    D      A                                                       X
                       E    I      N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.7000	1	1.4	1.4	1.8000	9	12.3	41.1	2.8000	2	2.7	64.4	4.3000	1	1.4	90.4
1.0000	1	1.4	2.7	1.9000	3	4.1	45.2	2.9000	4	5.5	69.9	4.9000	1	1.4	91.8
1.1000	1	1.4	4.1	2.0000	3	4.1	49.3	3.0000	2	2.7	72.6	5.1000	1	1.4	93.2
1.2000	1	1.4	5.5	2.1000	1	1.4	50.7	3.2000	4	5.5	78.1	5.3000	1	1.4	94.5
1.3000	2	2.7	8.2	2.2000	2	2.7	53.4	3.4000	2	2.7	80.8	5.4000	1	1.4	95.9
1.4000	2	2.7	11.0	2.3000	1	1.4	54.8	3.5000	2	2.7	83.6	5.8000	1	1.4	97.3
1.5000	4	5.5	16.4	2.5000	1	1.4	56.2	3.6000	1	1.4	84.9	6.5000	1	1.4	98.6
1.6000	6	8.2	24.7	2.6000	2	2.7	58.9	3.7000	1	1.4	86.3	7.1000	1	1.4	100.0
1.7000	3	4.1	28.8	2.7000	2	2.7	61.6	3.9000	2	2.7	89.0				

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	28.0000000
NUMBER OF DISTINCT VALUES .	7	MINIMUM	4.0000000
NUMBER OF VALUES COUNTED. .	201	RANGE	24.0000000
NUMBER OF VALUES NOT COUNTED	24	VARIANCE	26.8703722
		ST.DEV.	5.1844358
		(Q3-Q1)/2	4.0000000
		MX.ST.SC.	3.08
		MN.ST.SC.	-1.55

LOCATION ESTIMATES

		ST.ERROR
MEAN	12.0398006	0.3656819
MEDIAN	12.0000000	0.0
MODE	8.0000000	

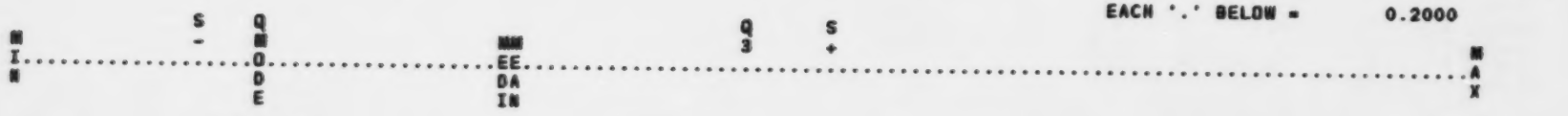
EACH '-' ABOVE = 1.5000
L= 0.0
U= 34.5000

CASE NO. OF MIN. VAL. = 29
CASE NO. OF MAX. VAL. = 85

	VALUE	VALUE/S.E.
SKEWNESS	0.98	5.69
KURTOSIS	0.63	1.82

Q1= 8.0000000
Q3= 16.0000000
S-= 6.8553648
S+= 17.2242279

EACH '.' BELOW = 0.2000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
4.	11	5.5	5.5	12.	65	32.3	73.6	20.	14	7.0	93.5	28.	3	1.5	100.0
8.	72	35.8	41.3	16.	26	12.9	86.6	24.	10	5.0	98.5				

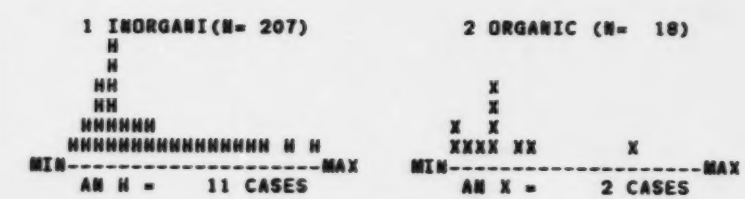
21 O/6E
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.43	0.1677	20.1
T (POOLED)	1.43	0.1536	223
F(FOR VARIANCES)			
LEVENE	0.71	0.4012	1, 223

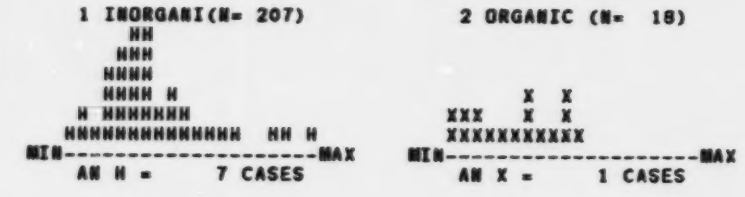
GROUP	1 INORGANI	2 ORGANIC
MEAN	13.2753	10.7778
STD DEV	7.0974	7.1006
S.E.M.	0.4933	1.6736
SAMPLE SIZE	207	18
MAXIMUM	48.0000	35.0000
MINIMUM	4.0000	3.0000



****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.69	0.5003	19.4
T (POOLED)	0.75	0.4511	223
F(FOR VARIANCES)			
LEVENE	2.18	0.1415	1, 223

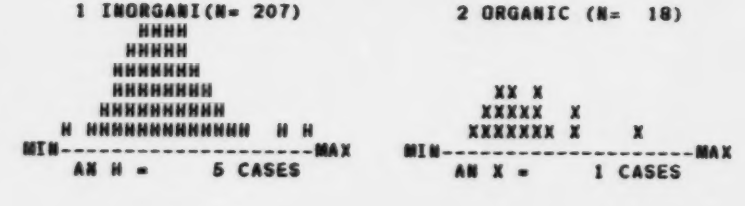
GROUP	1 INORGANI	2 ORGANIC
MEAN	23.9509	22.4444
STD DEV	8.0440	8.9982
S.E.M.	0.5591	2.1209
SAMPLE SIZE	207	18
MAXIMUM	61.0000	37.0000
MINIMUM	8.0000	9.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.43	0.1682	19.4
T (POOLED)	1.58	0.1155	223
F(FOR VARIANCES)			
LEVENE	0.06	0.8100	1, 223

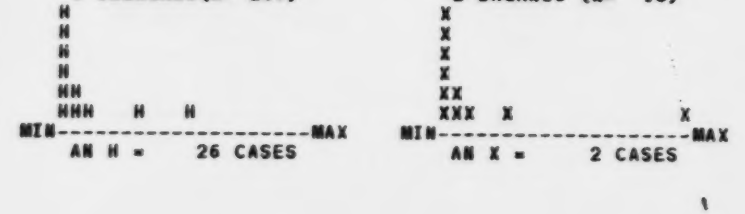
GROUP	1 INORGANI	2 ORGANIC
MEAN	66.9703	59.9999
STD DEV	17.7708	19.9823
S.E.M.	1.2352	4.7099
SAMPLE SIZE	207	18
MAXIMUM	142.0000	116.0000
MINIMUM	18.0000	34.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.03	0.3194	17.1
T (POOLED)	-2.95	0.0035	223
F(FOR VARIANCES)			
LEVENE	38.84	0.0000	1, 223

GROUP	1 INORGANI	2 ORGANIC
MEAN	868.2676	2006.6660
STD DEV	914.5669	4702.0273
S.E.M.	63.5668	1108.2783
SAMPLE SIZE	207	18
MAXIMUM	10400.0000	20000.0000
MINIMUM	60.0000	90.0000

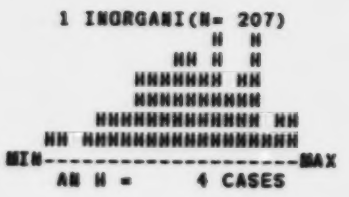


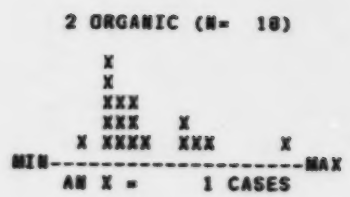
DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	4.40	0.0003	20.3
T (POOLED)	4.26	0.0000	223
F(FOR VARIANCES)			
LEVENE	0.44	0.5099	1, 223

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.1332	1.4600
STD DEV	0.6456	0.6200
S.E.M.	0.0449	0.1461
SAMPLE SIZE	207	18
MAXIMUM	3.4500	3.2400
MINIMUM	0.2900	0.7600

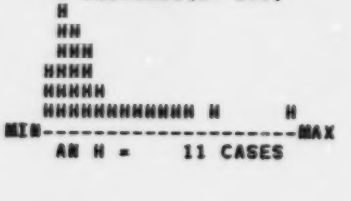


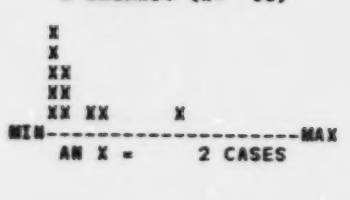


****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.40	0.1768	19.5
T (POOLED)	1.52	0.1298	223
F(FOR VARIANCES)			
LEVENE	0.09	0.7634	1, 223

GROUP	1 INORGANI	2 ORGANIC
MEAN	17.2408	13.8889
STD DEV	8.8984	9.8033
S.E.M.	0.6185	2.3107
SAMPLE SIZE	207	18
MAXIMUM	86.0000	49.0000
MINIMUM	6.0000	8.0000

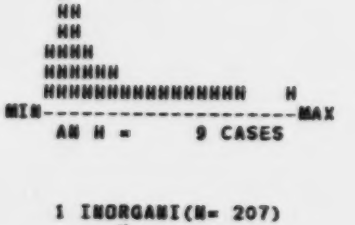


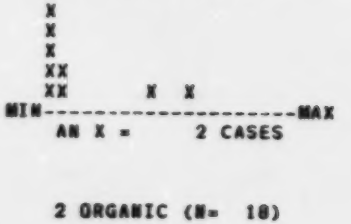


****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.76	0.0116	21.4
T (POOLED)	2.39	0.0175	223
F(FOR VARIANCES)			
LEVENE	1.71	0.1929	1, 223

GROUP	1 INORGANI	2 ORGANIC
MEAN	88.5499	47.1110
STD DEV	71.2017	60.0978
S.E.M.	4.9489	14.1652
SAMPLE SIZE	207	18
MAXIMUM	407.0000	238.0000
MINIMUM	11.0000	10.0000

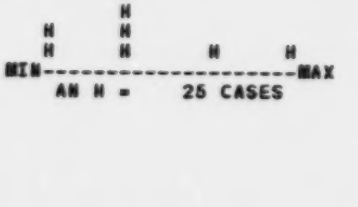


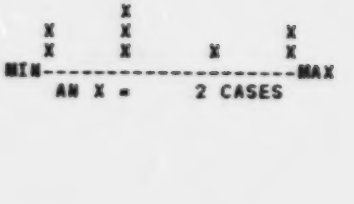


****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.67	0.1343	17.8
T (POOLED)	-2.66	0.0084	223
F(FOR VARIANCES)			
LEVENE	23.29	0.0000	1, 223

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.9638	1.1667
STD DEV	0.2628	0.5423
S.E.M.	0.0197	0.1278
SAMPLE SIZE	207	18
MAXIMUM	2.0000	2.0000
MINIMUM	0.5000	0.5000





DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	223
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 223

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0000	2.0000
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	207	18
MAXIMUM	2.0000	2.0000
MINIMUM	2.0000	2.0000

1 INORGANI(N= 207)

```
H
H
H
H
H
H
MIN--------------------MAX
```

AN H = 35 CASES

2 ORGANIC (N= 18)

```
X
X
X
X
X
X
MIN--------------------MAX
```

AN X = 3 CASES

****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.81	0.1002	9.8
T (POOLED)	1.22	0.2248	71
F(FOR VARIANCES)			
LEVENE	0.95	0.3327	1, 71

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.6530	2.0143
STD DEV	1.3486	0.8214
S.E.M.	0.1660	0.3105
SAMPLE SIZE	66	7
MAXIMUM	7.1000	3.0000
MINIMUM	0.7000	1.0000

1 INORGANI(N= 66)

```
  H
  H
 HH
 HHHHHHHH
HHHHHHHHHHHH HHH  HH
MIN--------------------MAX
```

AN H = 3 CASES

2 ORGANIC (N= 7)

```
  X
  X   X
 X X  XX
MIN--------------------MAX
```

AN X = 1 CASES

****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.95	0.0064	27.5
T (POOLED)	1.80	0.0728	199
F(FOR VARIANCES)			
LEVENE	3.23	0.0738	1, 199

GROUP	1 INORGANI	2 ORGANIC
MEAN	12.2391	9.8823
STD DEV	5.3087	2.8697
S.E.M.	0.3914	0.6960
SAMPLE SIZE	184	17
MAXIMUM	28.0000	16.0000
MINIMUM	4.0000	4.0000

1 INORGANI(N= 184)

```
  H  H
  H  H
  H  H
  H  H   H
  H  H   H  H
H H  H   H  H  H  H
MIN--------------------MAX
```

AN H = 11 CASES

2 ORGANIC (N= 17)

```
   X  X
   X  X
   X  X
 X X  X   X
MIN--------------------MAX
```

AN X = 2 CASES

****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	223
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 223

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	207	18
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0

1 INORGANI(N= 207)

```
H
H
H
H
H
H
MIN--------------------MAX
```

AN H = 35 CASES

2 ORGANIC (N= 18)

```
X
X
X
X
X
X
MIN--------------------MAX
```

AN X = 3 CASES

NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.724 SECONDS

21 O/6F
1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7726 21 D/6F

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7726001	47.4038	-67.3676	0	0	1	9.0	13.0	78.0	1000.0	2.77	17.0	88.0	1.0	2.0	2.0	4.0	
82	7726002	47.4062	-67.3745	0	0	1	18.0	23.0	74.0	2000.0	2.79	23.0	92.0	1.0	2.0		8.0	
82	7726003	47.4331	-67.2598	0	0	1	16.0	25.0	75.0	750.0	3.15	23.0	107.0	1.0	2.0			
82	7726004	47.4280	-67.2599	0	0	1	16.0	25.0	91.0	650.0	3.03	23.0	104.0	1.0	2.0			
82	7726005	47.4234	-67.2577	0	0	1	16.0	25.0	97.0	780.0	2.97	23.0	101.0	1.0	2.0			
82	7726006	47.4194	-67.2556	0	0	1	17.0	25.0	91.0	900.0	3.03	23.0	98.0	1.0	2.0	3.5		
82	7726007	47.4126	-67.2527	0	0	1	15.0	25.0	89.0	810.0	2.00	22.0	97.0	1.0	2.0			
82	7726008	47.4096	-67.2524	0	0	1	16.0	28.0	108.0	810.0	3.88	28.0	130.0	1.0	2.0			
82	7726009	47.4069	-67.2538	0	0	1	14.0	25.0	95.0	810.0	3.45	25.0	108.0	1.0	2.0	2.1		
82	7726010	47.4060	-67.2532	0	0	1	10.0	22.0	77.0	640.0	2.52	16.0	77.0	1.0	2.0			
82	7726011	47.4045	-67.2552	0	0	1	14.0	25.0	92.0	770.0	3.07	22.0	95.0	1.0	2.0			
82	7726012	47.4028	-67.2555	0	0	1	15.0	25.0	98.0	780.0	3.55	24.0	109.0	1.0	2.0	2.2		
82	7726013	47.4004	-67.2554	0	0	1	15.0	22.0	92.0	1200.0	3.73	23.0	96.0	1.0	2.0			
82	7726014	47.3984	-67.2547	0	0	1	12.0	22.0	92.0	640.0	3.15	22.0	96.0	1.0	2.0			
82	7726015	47.4726	-67.3256	0	0	1	9.0	20.0	57.0	1300.0	2.72	17.0	66.0	1.0	2.0			
82	7726016	47.4738	-67.3246	0	0	1	9.0	17.0	56.0	560.0	1.83	11.0	40.0	1.0	2.0			
82	7726017	47.4754	-67.3284	0	0	1	10.0	20.0	85.0	1100.0	2.84	18.0	65.0	1.0	2.0	2.7		
82	7726018	47.4772	-67.3311	0	0	1	9.0	20.0	81.0	960.0	2.50	16.0	62.0	1.0	2.0			
82	7726019	47.4775	-67.3348	0	0	1	9.0	17.0	85.0	950.0	2.84	17.0	70.0	1.0	2.0	2.8		
82	7726020	47.4764	-67.3386	0	0	1	11.0	24.0	96.0	1500.0	3.25	19.0	79.0	1.0	2.0			
82	7726021	47.4757	-67.3422	0	0	1	8.0	17.0	70.0	460.0	2.37	12.0	56.0	1.0	2.0			
82	7726022	47.4756	-67.3460	0	0	1	12.0	20.0	67.0	580.0	2.54	15.0	65.0	1.0	2.0	4.8		
82	7726023	47.4768	-67.3500	0	0	1	10.0	17.0	66.0	1500.0	2.38	12.0	51.0	1.0	2.0			
82	7726024	47.4773	-67.3522	0	0	1	10.0	20.0	82.0	1300.0	2.80	15.0	64.0	1.0	2.0			
82	7726025	47.4774	-67.3549	0	0	1	11.0	24.0	85.0	1500.0	2.43	12.0	62.0	1.0	2.0	2.0		
82	7726026	47.4796	-67.3534	0	0	1	15.0	20.0	70.0	620.0	2.46	13.0	68.0	1.0	2.0			
82	7726027	47.4807	-67.3555	0	0	1	13.0	14.0	44.0	120.0	1.62	7.0	50.0	1.0	2.0			
82	7726028	47.4816	-67.3545	0	0	1	11.0	20.0	75.0	390.0	2.60	12.0	75.0	1.0	2.0	2.2		
82	7726029	47.4832	-67.3535	0	0	1	10.0	17.0	70.0	630.0	2.51	10.0	63.0	1.0	2.0			
82	7726030	47.4739	-67.3599	0	0	2	18.0	17.0	52.0	220.0	1.82	8.0	46.0	1.0	2.0			
82	7726031	47.4578	-67.3530	0	0	2	16.0	24.0	58.0	600.0	1.68	10.0	55.0	1.0	2.0	6.3		
82	7726032	47.4624	-67.3514	0	0	1	26.0	34.0	62.0	1400.0	2.06	15.0	54.0	1.0	2.0			
82	7726033	47.4124	-67.3090	0	0	1	11.0	30.0	77.0	400.0	2.64	17.0	82.0	1.0	2.0			
82	7726034	47.4162	-67.3084	0	0	1	9.0	30.0	74.0	560.0	2.73	18.0	88.0	1.0	2.0			
82	7726035	47.4192	-67.3084	0	0	1	11.0	30.0	74.0	430.0	2.86	18.0	90.0	1.0	2.0	2.1		
82	7726036	47.4212	-67.3095	0	0	1	6.0	15.0	47.0	280.0	1.64	11.0	53.0	1.0	2.0			
82	7726037	47.4234	-67.3113	0	0	1	8.0	18.0	53.0	370.0	1.88	11.0	53.0	1.0	2.0			
82	7726038	47.4260	-67.3135	0	0	1	12.0	22.0	41.0	190.0	1.47	9.0	40.0	1.0	2.0	2.3		
82	7726039	47.4292	-67.3145	0	0	2	9.0	22.0	23.0	200.0	.47	5.0	30.0	1.0	2.0			
82	7726040	47.4334	-67.3170	0	0	1	6.0	22.0	51.0	490.0	.46	12.0	48.0	1.0	2.0			
82	7726041	47.4186	-67.3236	0	0	1	16.0	41.0	82.0	1700.0	3.63	37.0	78.0	1.0	2.0			
82	7726042	47.4215	-67.3248	0	0	1	12.0	33.0	70.0	1300.0	2.70	23.0	75.0	1.0	2.0	2.2		
82	7726043	47.4256	-67.3269	0	0	1	11.0	26.0	59.0	390.0	2.19	18.0	71.0	1.0	2.0			
82	7726044	47.4265	-67.3405	0	0	1	12.0	26.0	57.0	290.0	2.21	18.0	93.0	1.0	2.0			
82	7726045	47.4287	-67.3409	0	0	1	7.0	22.0	45.0	280.0	1.62	14.0	68.0	1.0	2.0	3.2		
82	7726046	47.4306	-67.3414	0	0	1	8.0	22.0	48.0	290.0	2.07	14.0	67.0	1.0	2.0			
82	7726047	47.4339	-67.3438	0	0	1	7.0	18.0	48.0	330.0	1.75	14.0	66.0	1.0	2.0			
82	7726048	47.4362	-67.3452	0	0	1	6.0	18.0	42.0	350.0	1.44	11.0	58.0	1.0	2.0	2.3		
82	7726049	47.4378	-67.3479	0	0	1	7.0	18.0	47.0	260.0	1.81	13.0	71.0	1.0	2.0			
82	7726050	47.4926	-67.2737	0	0	1	18.0	24.0	68.0	1900.0	2.12	17.0	81.0	1.0	2.0			

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MAP SHEET 7726 21 O/6F

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7726051	47.4893	-67.2752	0	0	1	15.0	17.0	50.0	490.0	2.31	9.0	46.0	1.0	2.0	2.5		
82	7726052	47.4853	-67.2745	0	0	1	17.0	24.0	59.0	2200.0	1.95	14.0	77.0	1.0	2.0			
82	7726053	47.4839	-67.2766	0	0	1	15.0	20.0	68.0	560.0	2.58	13.0	98.0	1.0	2.0			
82	7726054	47.4810	-67.2719	0	0	1	23.0	27.0	72.0	2000.0	2.86	24.0	221.0	1.0	2.0	2.8		
82	7726055	47.4810	-67.2677	0	0	1	15.0	20.0	53.0	430.0	1.97	11.0	98.0	1.0	2.0			
82	7726056	47.4811	-67.2636	0	0	1	17.0	27.0	71.0	910.0	2.70	18.0	110.0	1.0	2.0			
82	7726057	47.4824	-67.2597	0	0	1	11.0	27.0	65.0	220.0	1.93	8.0	58.0	1.0	2.0	1.3		
82	7726058	47.4852	-67.2616	0	0	1	17.0	17.0	59.0	290.0	3.15	13.0	89.0	1.0	2.0			
82	7726059	47.4805	-67.2589	0	0	1	11.0	17.0	62.0	450.0	2.46	13.0	79.0	1.0	2.0			
82	7726060	47.4784	-67.2538	0	0	1	28.0	27.0	99.0	2200.0	3.13	26.0	281.0	1.0	2.0	2.8		
82	7726061	47.4690	-67.2860	0	0	1	17.0	37.0	48.0	860.0	1.94	21.0	186.0	1.0	2.0			
82	7726062	47.4665	-67.2835	0	0	1	16.0	30.0	50.0	1200.0	1.66	24.0	178.0	1.0	2.0	2.8		
82	7726063	47.4636	-67.2814	0	0	1	15.0	22.0	50.0	750.0	2.08	17.0	76.0	1.0	2.0			
82	7726064	47.4632	-67.2795	0	0	1	16.0	22.0	60.0	1250.0	2.29	17.0	77.0	1.0	2.0			
82	7726065	47.4601	-67.2812	0	0	1	24.0	33.0	66.0	1300.0	2.69	22.0	129.0	1.0	2.0	3.0		
82	7726066	47.4572	-67.2831	0	0	1	22.0	33.0	63.0	1300.0	2.54	20.0	107.0	1.0	2.0			
82	7726067	47.4541	-67.2836	0	0	1	22.0	26.0	44.0	700.0	2.51	17.0	78.0	1.0	2.0			
82	7726068	47.4512	-67.2844	0	0	1	20.0	33.0	59.0	1000.0	2.28	17.0	83.0	1.0	2.0	2.2		
82	7726069	47.4497	-67.2858	0	0	1	11.0	22.0	54.0	210.0	2.12	14.0	74.0	1.0	2.0			
82	7726070	47.4536	-67.2889	0	0	1	11.0	18.0	63.0	310.0	2.75	17.0	86.0	1.0	2.0			
82	7726071	47.4560	-67.2930	0	0	1	10.0	22.0	56.0	340.0	2.15	16.0	81.0	1.0	2.0	1.5		
82	7726072	47.4592	-67.2973	0	0	1	13.0	22.0	56.0	370.0	2.40	16.0	81.0	1.0	2.0			
82	7726073	47.4618	-67.2982	0	0	1	12.0	26.0	57.0	530.0	2.21	14.0	72.0	1.0	2.0			
82	7726074	47.4662	-67.2996	0	0	1	11.0	26.0	51.0	320.0	2.25	14.0	80.0	1.0	2.0	2.1		
82	7726075	47.4700	-67.2986	0	0	1	12.0	22.0	45.0	360.0	1.64	14.0	79.0	1.0	2.0			
82	7726076	47.4993	-67.3702	0	0	1	9.0	26.0	63.0	370.0	1.82	13.0	49.0	1.0	2.0			
82	7726077	47.4964	-67.3703	0	0	1	9.0	22.0	65.0	440.0	1.87	14.0	54.0	1.0	2.0	1.5		
82	7726078	47.4945	-67.3738	0	0	2	11.0	26.0	90.0	1700.0	1.73	11.0	36.0	1.0	2.0			
82	7726079	47.4913	-67.3744	0	0	1	12.0	26.0	80.0	490.0	1.81	11.0	45.0	1.0	2.0			
82	7726080	47.3896	-67.2507	0	0	1	13.0	14.0	78.0	810.0	2.71	19.0	93.0	1.0	2.0	2.1		
82	7726081	47.3935	-67.2538	0	0	1	13.0	19.0	75.0	660.0	2.38	18.0	83.0	1.0	2.0			
82	7726082	47.4045	-67.2722	0	0	1	20.0	19.0	64.0	400.0	2.71	20.0	68.0	1.0	2.0			
82	7726083	47.4035	-67.2764	0	0	1	19.0	24.0	52.0	800.0	1.25	10.0	35.0	1.0	2.0	2.2		
82	7726084	47.4028	-67.2804	0	0	1	26.0	14.0	44.0	300.0	.51	9.0	24.0	1.0	2.0			
82	7726085	47.4023	-67.2681	0	0	1	14.0	24.0	77.0	380.0	2.52	18.0	92.0	1.0	2.0			
82	7726086	47.3990	-67.2637	0	0	1	14.0	29.0	72.0	430.0	2.34	16.0	80.0	1.0	2.0	2.0		
82	7726087	47.3968	-67.2612	0	0	1	12.0	10.0	61.0	430.0	1.88	13.0	66.0	1.0	2.0			
82	7726088	47.3971	-67.2567	0	0	1	14.0	14.0	67.0	460.0	2.00	15.0	75.0	1.0	2.0			
82	7726089	47.4052	-67.2725	0	0	1	12.0	29.0	92.0	420.0	2.98	19.0	110.0	.5	2.0	2.2		
82	7726090	47.4082	-67.2755	0	0	1	13.0	25.0	94.0	510.0	3.08	19.0	112.0	1.0	2.0			
82	7726091	47.4110	-67.2782	0	0	1	13.0	25.0	95.0	530.0	3.10	18.0	110.0	1.0	2.0			
82	7726092	47.4150	-67.2800	0	0	1	11.0	25.0	80.0	470.0	2.80	19.0	101.0	.5	2.0	2.0		
82	7726093	47.4186	-67.2800	0	0	1	11.0	25.0	75.0	380.0	2.39	15.0	88.0	.5	2.0			
82	7726094	47.4203	-67.2807	0	0	1	15.0	34.0	72.0	400.0	2.52	17.0	78.0	.5	2.0			
82	7726095	47.4250	-67.2816	0	0	1	11.0	25.0	88.0	480.0	3.38	20.0	114.0		2.0	1.8		
82	7726096	47.4298	-67.2811	0	0	1	13.0	25.0	61.0	390.0	2.64	17.0	91.0	.5	2.0			
82	7726097	47.4340	-67.2811	0	0	1	9.0	21.0	62.0	260.0	2.27	13.0	81.0	.5	2.0	1.8		
82	7726098	47.4381	-67.2825	0	0	1	11.0	25.0	62.0	360.0	2.50	17.0	88.0	.5	2.0			
82	7726099	47.4427	-67.2830	0	0	1	10.0	21.0	55.0	360.0	2.23	14.0	76.0	.5	2.0			
82	7726100	47.4145	-67.3231	0	0	1	10.0	25.0	57.0	330.0	2.26	12.0	82.0	.5	2.0			

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MAP SHEET 7726 21 O/6F

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7726101	47.4154	-67.3270	0	0	1	15.0	29.0	66.0	390.0	2.77	16.0	96.0	1.0	2.0	2.6		
82	7726102	47.4162	-67.3287	0	0	1	11.0	25.0	62.0	550.0	2.11	13.0	84.0	.5	2.0			
82	7726103	47.4173	-67.3309	0	0	1	12.0	25.0	81.0	800.0	2.73	17.0	105.0	1.0	2.0			
82	7726104	47.4192	-67.3334	0	0	1	12.0	25.0	70.0	530.0	2.19	14.0	88.0	.5	2.0	3.6		
82	7726105	47.4232	-67.3370	0	0	1	10.0	21.0	72.0	420.0	2.29	15.0	81.0	.5	2.0			
82	7726106	47.4255	-67.3420	0	0	1	11.0	25.0	81.0	630.0	2.67	16.0	91.0	.5	2.0			
82	7726107	47.4280	-67.3472	0	0	1	11.0	25.0	73.0	570.0	2.51	15.0	83.0	.5	2.0	2.5		
82	7726108	47.4360	-67.3185	0	0	1	10.0	17.0	47.0	180.0	1.89	10.0	57.0	.5	2.0	1.8		
82	7726109	47.4412	-67.3203	0	0	1	10.0	25.0	59.0	730.0	2.34	15.0	72.0	.5	2.0			
82	7726110	47.4434	-67.3224	0	0	1	7.0	21.0	62.0	1000.0	2.18	14.0	71.0	.5	2.0			
82	7726111	47.4481	-67.3244	0	0	1	28.0	25.0	46.0	240.0	2.23	11.0	92.0	.5	2.0	4.0		
82	7726112	47.4690	-67.3522	0	0	2	17.0	25.0	52.0	190.0	1.16	8.0	37.0	1.0	2.0			
82	7726113	47.4588	-67.3484	0	0	1	8.0	34.0	63.0	3700.0	1.95	10.0	45.0	.5	2.0			
82	7726114	47.4493	-67.3295	0	0	1	8.0	21.0	52.0	370.0	2.02	12.0	67.0	.5	2.0	1.7		
82	7726115	47.4524	-67.3321	0	0	1	9.0	17.0	38.0	210.0	1.65	8.0	46.0	.5	2.0			
82	7726116	47.4543	-67.3382	0	0	1	37.0	38.0	83.0	1500.0	3.04	30.0	141.0	1.0	2.0			
82	7726117	47.4582	-67.3382	0	0	1	18.0	25.0	63.0	1400.0	2.39	14.0	83.0	.5	2.0	3.6		
82	7726118	47.4620	-67.3406	0	0	2	63.0	17.0	12.0	340.0	.22	6.0	232.0	1.0	2.0			
82	7726119	47.4656	-67.3421	0	0	2	13.0	42.0	40.0	1300.0	.69	13.0	25.0	1.0	2.0			
82	7726120	47.4667	-67.3445	0	0	2	6.0	34.0	46.0	2300.0	1.00	6.0	11.0	1.0	2.0	.6		
82	7726121	47.4518	-67.2594	0	0	1	24.0	53.0	155.0	4300.0	2.80	31.0	111.0	1.5	2.0			
82	7726122	47.4495	-67.2604	0	0	1	21.0	38.0	141.0	2600.0	2.65	16.0	99.0	1.0	2.0	3.3		
82	7726123	47.4522	-67.2661	0	0	1	14.0	24.0	97.0	900.0	2.77	20.0	107.0	1.0	2.0			
82	7726124	47.4524	-67.2610	0	0	1	18.0	29.0	102.0	1200.0	2.73	22.0	97.0	1.0	2.0	2.2		
82	7726125	47.4601	-67.2656	0	0	1	57.0	33.0	128.0	750.0	2.63	36.0	152.0	1.0	2.0			
82	7726126	47.4590	-67.2636	0	0	1	53.0	33.0	119.0	1500.0	2.98	39.0	154.0	1.0	2.0			
82	7726127	47.4687	-67.2666	0	0	1	19.0	29.0	57.0	1300.0	2.22	16.0	83.0	1.0	2.0	2.1		
82	7726128	47.4668	-67.2650	0	0	1	25.0	33.0	77.0	1800.0	2.70	24.0	110.0	1.0	2.0			
82	7726129	47.4645	-67.2623	0	0	1	27.0	43.0	74.0	1600.0	2.44	28.0	101.0	1.0	2.0			
82	7726130	47.4622	-67.2596	0	0	1	54.0	43.0	122.0	2100.0	3.21	51.0	165.0	1.0	2.0	5.1		
82	7726131	47.4602	-67.2558	0	0	1	26.0	33.0	76.0	1900.0	2.33	28.0	103.0	1.0	2.0			
82	7726132	47.4587	-67.2555	0	0	1	25.0	25.0	93.0	2400.0	2.32	45.0	119.0	1.0	2.0			
82	7726133	47.4556	-67.2528	0	0	1	20.0	34.0	114.0	1200.0	3.44	27.0	123.0	1.0	2.0	2.5		
82	7726134	47.4995	-67.2817	0	0	1	17.0	19.0	70.0	320.0	1.87	13.0	50.0	1.0	2.0			
82	7726135	47.4971	-67.2770	0	0	1	16.0	14.0	80.0	670.0	2.28	16.0	88.0	1.0	2.0			
82	7726136	47.4852	-67.2809	0	0	1	19.0	19.0	66.0	830.0	2.75	19.0	90.0	1.0	2.0	2.2		
82	7726137	47.4993	-67.2548	0	0	1	12.0	14.0	68.0	550.0	2.94	22.0	87.0	1.0	2.0			
82	7726138	47.4864	-67.2860	0	0	1	12.0	14.0	66.0	830.0	2.57	17.0	81.0	1.0	2.0			
82	7726139	47.4880	-67.2908	0	0	1	15.0	14.0	59.0	970.0	2.54	18.0	86.0	1.0	2.0	3.5		
82	7726140	47.4988	-67.2606	0	0	1	15.0	19.0	72.0	600.0	2.22	20.0	74.0	1.0	2.0			
82	7726141	47.4964	-67.3005	0	0	1	8.0	14.0	47.0	130.0	.69	7.0	20.0	1.0	2.0			
82	7726142	47.4988	-67.3045	0	0	1	8.0	5.0	45.0	490.0	1.36	10.0	41.0	1.0	2.0	3.5		
82	7726143	47.4863	-67.3546	0	0	1	20.0	29.0	88.0	2800.0	2.27	18.0	60.0	1.0	2.0			
82	7726144	47.4870	-67.3523	0	0	1	9.0	10.0	59.0	650.0	1.71	13.0	50.0	1.0	2.0			
82	7726145	47.4887	-67.3508	0	0	1	8.0	10.0	88.0	1000.0	2.40	16.0	70.0	1.0	2.0	2.0		
82	7726146	47.4908	-67.3488	0	0	1	13.0	19.0	66.0	350.0	1.79	13.0	49.0	1.5	2.0			
82	7726147	47.4925	-67.3470	0	0	1	11.0	14.0	75.0	780.0	1.88	13.0	47.0	1.0	2.0	2.0		
82	7726148	47.4944	-67.3456	0	0	1	23.0	14.0	56.0	430.0	2.14	16.0	54.0	1.0	2.0			
82	7726149	47.4984	-67.3431	0	0	1	11.0	5.0	50.0	550.0	1.90	13.0	49.0	1.0	2.0			
82	7726150	47.5000	-67.3413	0	0	1	9.0	10.0	75.0	830.0	2.11	15.0	56.0	1.0	2.0	3.2		

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7726 21 D/6F

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MO	FE %	CO	NI	AG	MO	U	W	SB
82	7726151	47.4984	-67.3358	0	0	1	8.0	14.0	76.0	1600.0	2.08	14.0	53.0	1.0	2.0			
82	7726152	47.4972	-67.3310	0	0	1	12.0	10.0	64.0	800.0	1.95	15.0	54.0	1.0	2.0			
82	7726153	47.4952	-67.3280	0	0	1	8.0	15.0	69.0	710.0	2.35	16.0	66.0	1.0	2.0	2.2		
82	7726154	47.4935	-67.3253	0	0	1	7.0	15.0	53.0	320.0	1.75	13.0	47.0	1.0	2.0			
82	7726155	47.4907	-67.3218	0	0	1	13.0	19.0	62.0	1900.0	2.39	18.0	60.0	1.0	2.0			
82	7726156	47.4905	-67.3170	0	0	1	11.0	19.0	64.0	1800.0	1.69	15.0	44.0	1.0	2.0	6.7		
82	7726157	47.4891	-67.3129	0	0	1	20.0	15.0	59.0	120.0	.75	7.0	25.0	1.0	2.0			
82	7726158	47.4867	-67.3105	0	0	1	7.0	15.0	62.0	900.0	2.13	13.0	54.0	1.0	2.0			
82	7726159	47.4845	-67.3113	0	0	1	6.0	15.0	61.0	800.0	2.08	13.0	55.0	1.0	2.0	2.8		
82	7726160	47.4806	-67.3125	0	0	1	14.0	24.0	78.0	2000.0	1.00	13.0	18.0	1.0	2.0			
82	7726161	47.4808	-67.3102	0	0	1	7.0	15.0	56.0	740.0	1.90	13.0	50.0	1.0	2.0			
82	7726162	47.4802	-67.3070	0	0	1	12.0	19.0	52.0	500.0	1.45	10.0	40.0	1.0	2.0	2.3		
82	7726163	47.4770	-67.3053	0	0	1	13.0	19.0	44.0	490.0	.84	9.0	23.0	1.0	2.0			
82	7726164	47.3763	-67.3394	0	0	1	19.0	34.0	104.0	1400.0	3.50	25.0	111.0	1.0	2.0		12.0	
82	7726165	47.3842	-67.3417	0	0	1	15.0	27.0	83.0	620.0	2.97	21.0	101.0	1.0	2.0	2.8	8.0	
82	7726166	47.3891	-67.3441	0	0	1	12.0	24.0	76.0	1200.0	2.91	20.0	90.0	1.0	2.0		12.0	
82	7726167	47.4031	-67.3643	0	0	1	13.0	27.0	78.0	1300.0	2.84	21.0	99.0	1.0	2.0		12.0	
82	7726168	47.4012	-67.3591	0	0	1	14.0	27.0	82.0	870.0	2.81	21.0	98.0	1.0	2.0	3.2	20.0	
82	7726169	47.3988	-67.3559	0	0	1	30.0	31.0	54.0	1100.0	2.78	31.0	76.0	1.0	2.0		12.0	
82	7726170	47.3970	-67.3535	0	0	1	11.0	24.0	90.0	1200.0	3.11	21.0	103.0	1.0	2.0		8.0	
82	7726171	47.3950	-67.3519	0	0	1	19.0	27.0	92.0	780.0	3.62	26.0	127.0	1.0	2.0	3.2	12.0	
82	7726172	47.3932	-67.3500	0	0	1	10.0	24.0	68.0	540.0	2.56	19.0	86.0	1.0	2.0		12.0	
82	7726173	47.3760	-67.3323	0	0	1	17.0	27.0	80.0	720.0	2.73	19.0	96.0	1.0	2.0		8.0	
82	7726174	47.3796	-67.3287	0	0	1	17.0	30.0	86.0	500.0	2.84	19.0	103.0	1.0	2.0		24.0	
82	7726175	47.3823	-67.3245	0	0	1	17.0	27.0	87.0	470.0	3.02	20.0	109.0	1.0	2.0	2.3	16.0	
82	7726176	47.3837	-67.3217	0	0	1	17.0	30.0	83.0	410.0	2.80	19.0	99.0	1.0	2.0		20.0	
82	7726177	47.3860	-67.3188	0	0	1	15.0	24.0	67.0	330.0	2.32	17.0	84.0	1.0	2.0		20.0	
82	7726178	47.3875	-67.3169	0	0	1	15.0	24.0	72.0	410.0	2.27	15.0	83.0	1.0	2.0	3.0	20.0	
82	7726179	47.3888	-67.3150	0	0	1	17.0	24.0	63.0	290.0	2.25	15.0	81.0	1.0	2.0		16.0	
82	7716180	47.3909	-67.3120	0	0	1	16.0	21.0	60.0	330.0	2.41	17.0	77.0	1.0	2.0		16.0	
82	7726181	47.3926	-67.3095	0	0	1	16.0	33.0	92.0	480.0	2.94	19.0	106.0	1.0	2.0	2.1	12.0	
82	7726182	47.3978	-67.3080	0	0	1	17.0	30.0	83.0	630.0	2.62	19.0	93.0	1.0	2.0		16.0	
82	7726182	47.3978	-67.3080	0	0	1	17.0	30.0	83.0	630.0	2.62	19.0	93.0	1.0	2.0		16.0	

21 O/6F

1. STATISTICS 1

```
*************
* COPPER    *                              MAXIMUM          63.0000000
*************                              MINIMUM           6.0000000
                                           RANGE            57.0000000
VARIABLE NUMBER . . . . . .         2      VARIANCE         67.4256592           H
NUMBER OF DISTINCT VALUES .        29      ST.DEV.           8.2113132           H
NUMBER OF VALUES COUNTED. .       182      (Q3-Q1)/2         3.5000000           H                      EACH 'H'
NUMBER OF VALUES NOT COUNTED        0      MX.ST.SC.         5.87                HH                   REPRESENTS
                                           MN.ST.SC.        -1.07               HHHH                       6
LOCATION ESTIMATES                                 ST.ERROR                     HHHH                   COUNT(S)
                   MEAN        14.7912083      0.6086630                        HHHH
                   MEDIAN      13.0000000      0.5773506                        HHHHH H
                   MODE        11.0000000                                      HHHHHHHHHH H    HHH H
                                                                              L----------------------U

                                                                        EACH '-' ABOVE =       3.0000
                                                                                     L=        3.0000
                                                                                     U=       68.9999
                                                                   CASE NO. OF MIN. VAL. =   36
                                                                   CASE NO. OF MAX. VAL. =  110

                                                                                                 Q1=   10.0000000
                                                                   VALUE    VALUE/S.E.           Q3=   17.0000000
                                                   SKEWNESS         3.18         17.50           S-=    6.5798950
                                                   KURTOSIS        13.51         37.20           S+=   23.0025177

                                                                        EACH '.' BELOW =        0.5000
     S      Q          Q           S
   M -      1 M  M  M  3           +                                                                     M
   I.........O..E..E......................................................................................A
   N         D  D  A                                                                                      X
             E  I  N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
6.	5	2.7	2.7
7.	7	3.8	6.6
8.	10	5.5	12.1
9.	13	7.1	19.2
10.	12	6.6	25.8
11.	23	12.6	38.5
12.	17	9.3	47.8
13.	12	6.6	54.4

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
14.	8	4.4	58.8
15.	15	8.2	67.0
16.	11	6.0	73.1
17.	13	7.1	80.2
18.	5	2.7	83.0
19.	5	2.7	85.7
20.	5	2.7	88.5
21.	1	0.5	89.0

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
22.	2	1.1	90.1
23.	2	1.1	91.2
24.	2	1.1	92.3
25.	2	1.1	93.4
26.	3	1.6	95.1
27.	1	0.5	95.6
28.	2	1.1	96.7
30.	1	0.5	97.3

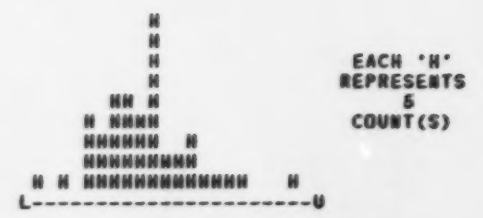
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
37.	1	0.5	97.8
53.	1	0.5	98.4
54.	1	0.5	98.9
57.	1	0.5	99.5
63.	1	0.5	100.0

****
* LEAD *
****

VARIABLE NUMBER	3	MAXIMUM	53.0000000
NUMBER OF DISTINCT VALUES .	28	MINIMUM	5.0000000
NUMBER OF VALUES COUNTED. .	182	RANGE	48.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	52.3703461
		ST.DEV.	7.2367363
		(Q3-Q1)/2	4.0000000
		MX.ST.SC.	4.09
		MN.ST.SC.	-2.84

LOCATION ESTIMATES

		ST.ERROR
MEAN	23.3846130	0.5364226
MEDIAN	24.0000000	0.8660250
MODE	25.0000000	



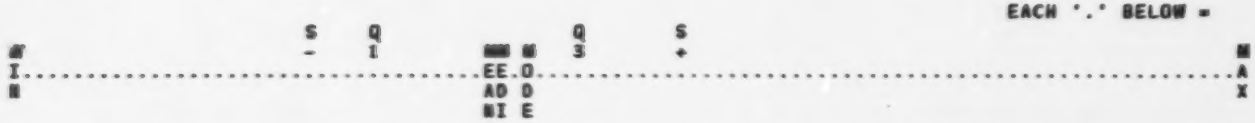
EACH '-' ABOVE = 2.5000
L= 2.5000
U= 57.5000

CASE NO. OF MIN. VAL. = 142
CASE NO. OF MAX. VAL. = 121

	VALUE	VALUE/S.E.
SKEWNESS	0.53	2.91
KURTOSIS	1.29	3.56

Q1= 19.0000000
Q3= 27.0000000
S-= 16.1478729
S+= 30.6213379

EACH '.' BELOW = 0.5000



VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
5.	2	1.1	1.1	19.	10	5.5	29.7	26.	8	4.4	73.6	34.	6	3.3	95.6
10.	5	2.7	3.8	20.	9	4.9	34.6	27.	10	5.5	79.1	37.	1	0.5	96.2
13.	1	0.5	4.4	21.	6	3.3	37.9	28.	1	0.5	79.7	38.	2	1.1	97.3
14.	12	6.6	11.0	22.	15	8.2	46.2	29.	6	3.3	83.0	41.	1	0.5	97.8
15.	7	3.8	14.8	23.	1	0.5	46.7	30.	7	3.8	86.8	42.	1	0.5	98.4
17.	12	6.6	21.4	24.	15	8.2	54.9	31.	1	0.5	87.4	43.	2	1.1	99.5
18.	5	2.7	24.2	25.	26	14.3	69.2	33.	9	4.9	92.3	53.	1	0.5	100.0

PAGE 4 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7726 21 O/6F

```
*************
* ZINC      *
*************                                  MAXIMUM        155.0000000
                                               MINIMUM         12.0000000
                                               RANGE          143.0000000
VARIABLE NUMBER . . . . . . .        4         VARIANCE       390.4047852
NUMBER OF DISTINCT VALUES .         68         ST.DEV.         19.7586670
NUMBER OF VALUES COUNTED. .        182         (Q3-Q1)/2       12.0000000
NUMBER OF VALUES NOT COUNTED         0         MX.ST.SC.        4.30
                                               MN.ST.SC.       -2.93

LOCATION ESTIMATES                                     ST.ERROR
                  MEAN           69.9450531           1.4646091
                  MEDIAN         67.5000000           2.0207262
                  MODE           NOT UNIQUE
```

```
        H
        H
        HH H                  EACH 'H'
        HHHH                  REPRESENTS
       HHHHH H                    4
       HHHHHHH                COUNT(S)
      HHHHHHHH
      HHHHHHHH
  H H HHHHHHHHHHHHHH H
 L---------------------U

 EACH '-' ABOVE =        7.5000
              L=         7.5000
              U=       172.4999
CASE NO. OF MIN. VAL. =  118
CASE NO. OF MAX. VAL. =  121

                                                  Q1=   57.0000000
                    VALUE   VALUE/S.E.            Q3=   81.0000000
SKEWNESS             0.85        4.70             S-=   50.1063061
KURTOSIS             2.23        6.15             S+=   89.7037201

                         EACH '.' BELOW =     1.5000
```

```
                          S    Q           Q     S
   M                      -    1     MM    3     +                            M
   I.................................EE...........................................A
   N                                 DA                                           X
                                     IN
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
12.	1	0.5	0.5	56.	5	2.7	24.2	73.	1	0.5	60.4	92.	6	3.3	90.1
23.	1	0.5	1.1	57.	5	2.7	26.9	74.	4	2.2	62.6	93.	1	0.5	90.7
38.	1	0.5	1.6	58.	1	0.5	27.5	75.	7	3.8	66.5	94.	1	0.5	91.2
40.	1	0.5	2.2	59.	8	4.4	31.9	76.	2	1.1	67.6	95.	2	1.1	92.3
41.	1	0.5	2.7	60.	2	1.1	33.0	77.	4	2.2	69.8	96.	1	0.5	92.9
42.	1	0.5	3.3	61.	3	1.6	34.6	78.	4	2.2	72.0	97.	2	1.1	94.0
44.	4	2.2	5.5	62.	8	4.4	39.0	80.	4	2.2	74.2	98.	1	0.5	94.5
45.	3	1.6	7.1	63.	6	3.3	42.3	81.	3	1.6	75.8	99.	1	0.5	95.1
46.	2	1.1	8.2	64.	3	1.6	44.0	82.	3	1.6	77.5	102.	1	0.5	95.6
47.	4	2.2	10.4	65.	2	1.1	45.1	83.	4	2.2	79.7	104.	1	0.5	96.2
48.	3	1.6	12.1	66.	6	3.3	48.4	85.	3	1.6	81.3	108.	1	0.5	96.7
50.	4	2.2	14.3	67.	3	1.6	50.0	86.	1	0.5	81.9	114.	1	0.5	97.3
51.	2	1.1	15.4	68.	3	1.6	51.6	87.	1	0.5	82.4	119.	1	0.5	97.8
52.	5	2.7	18.1	69.	2	1.1	52.7	88.	3	1.6	84.1	122.	1	0.5	98.4
53.	3	1.6	19.8	70.	6	3.3	56.0	89.	1	0.5	84.6	128.	1	0.5	98.9
54.	2	1.1	20.9	71.	1	0.5	56.6	90.	2	1.1	85.7	141.	1	0.5	99.5
55.	1	0.5	21.4	72.	6	3.3	59.9	91.	2	1.1	86.8	155.	1	0.5	100.0

```
*************
* MANGANES *
*************
```

VARIABLE NUMBER	5	MAXIMUM	4300.0000000
NUMBER OF DISTINCT VALUES .	84	MINIMUM	120.0000000
NUMBER OF VALUES COUNTED. .	182	RANGE	4180.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	412246.7500000
		ST.DEV.	642.0644531
		(Q3-Q1)/2	355.0000000
		MX.ST.SC.	5.40
		MN.ST.SC.	-1.11

LOCATION ESTIMATES

		ST.ERROR
MEAN	832.9118652	47.5929718
MEDIAN	630.0000000	54.8482971
MODE	1300.0000000	

```
H
H
HH
HH
HHH
HHHH
HHHH
HHHH H
HHHHHHH H
HHHHHHHHHHHHH    H  H
L--------------------U
```

EACH 'H' REPRESENTS 5 COUNT(S)

EACH '-' ABOVE = 200.0000
L= 200.0000
U= 4600.0000

CASE NO. OF MIN. VAL. = 27
CASE NO. OF MAX. VAL. = 121

	VALUE	VALUE/S.E.
SKEWNESS	2.05	11.29
KURTOSIS	5.95	16.39

Q1= 390.0000000
Q3= 1100.0000000
S-= 190.8474121
S+= 1474.9763184

EACH '.' BELOW = 50.0000

```
 S   Q         Q   S
M-   1  M  M   3 M +                                          M
I.......E..E.....O................................................A
N       D  A     D                                            X
        I  N     E
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
120.	2	1.1	1.1	400.	3	1.6	26.9	640.	2	1.1	51.6	970.	1	0.5	72.5
130.	1	0.5	1.6	410.	2	1.1	28.0	650.	2	1.1	52.7	1000.	4	2.2	74.7
180.	1	0.5	2.2	420.	2	1.1	29.1	660.	1	0.5	53.3	1100.	2	1.1	75.8
190.	2	1.1	3.3	430.	5	2.7	31.9	670.	1	0.5	53.8	1200.	6	3.3	79.1
200.	1	0.5	3.8	440.	1	0.5	32.4	700.	1	0.5	54.4	1250.	1	0.5	79.7
210.	2	1.1	4.9	450.	1	0.5	33.0	710.	1	0.5	54.9	1300.	8	4.4	84.1
220.	2	1.1	6.0	460.	2	1.1	34.1	720.	1	0.5	55.5	1400.	3	1.6	85.7
240.	1	0.5	6.6	470.	2	1.1	35.2	730.	1	0.5	56.0	1500.	5	2.7	88.5
260.	2	1.1	7.7	480.	2	1.1	36.3	740.	1	0.5	56.6	1600.	2	1.1	89.6
280.	2	1.1	8.8	490.	5	2.7	39.0	750.	3	1.6	58.2	1700.	2	1.1	90.7
290.	4	2.2	11.0	500.	2	1.1	40.1	770.	1	0.5	58.8	1800.	2	1.1	91.8
300.	1	0.5	11.5	510.	1	0.5	40.7	780.	4	2.2	61.0	1900.	3	1.6	93.4
310.	1	0.5	12.1	530.	3	1.6	42.3	800.	4	2.2	63.2	2000.	3	1.6	95.1
320.	3	1.6	13.7	540.	1	0.5	42.9	810.	4	2.2	65.4	2100.	1	0.5	95.6
330.	4	2.2	15.9	550.	3	1.6	44.5	830.	3	1.6	67.0	2200.	2	1.1	96.7
340.	2	1.1	17.0	560.	3	1.6	46.2	860.	1	0.5	67.6	2300.	1	0.5	97.3
350.	2	1.1	18.1	570.	1	0.5	46.7	870.	1	0.5	68.1	2400.	1	0.5	97.8
360.	3	1.6	19.8	580.	1	0.5	47.3	900.	4	2.2	70.3	2600.	1	0.5	98.4
370.	4	2.2	22.0	600.	1	0.5	47.8	910.	1	0.5	70.9	2800.	1	0.5	98.9
380.	2	1.1	23.1	620.	2	1.1	48.9	950.	1	0.5	71.4	3700.	1	0.5	99.5
390.	4	2.2	25.3	630.	3	1.6	50.5	960.	1	0.5	72.0	4300.	1	0.5	100.0

IRONPCNT

VARIABLE NUMBER	6	MAXIMUM	3.8899994
NUMBER OF DISTINCT VALUES	123	MINIMUM	0.2300000
NUMBER OF VALUES COUNTED	182	RANGE	3.6599989
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.4233927
		ST.DEV.	0.6506863
		(Q3-Q1)/2	0.4100003
		MN.ST.SC.	2.38
		MN.ST.SC.	-3.25

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.3431616	0.0482321
MEDIAN	2.3899994	0.0635083
MODE	NOT UNIQUE	

EACH 'H' REPRESENTS 3 COUNT(S)

EACH '-' ABOVE = 0.2000
L= 0.0
U= 4.4000

CASE NO. OF MIN. VAL. = 118
CASE NO. OF MAX. VAL. = 8

	VALUE	VALUE/S.E.
SKEWNESS	-0.63	-3.47
KURTOSIS	0.91	2.51

Q1= 1.9599991
Q3= 2.7799997
S-= 1.6924744
S+= 2.9930478

EACH '.' BELOW = 0.0300

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.2300	1	0.5	0.5	1.9100	2	1.1	23.1	2.3500	2	1.1	48.4	2.7900	1	0.5	76.9
0.4700	1	0.5	1.1	1.9400	1	0.5	23.6	2.3600	1	0.5	48.9	2.8000	1	0.5	77.5
0.4800	1	0.5	1.6	[illegible]	1	0.5	24.2	2.3800	1	0.5	49.5	2.8100	4	2.2	79.7
0.5200	1	0.5	2.2	1.9800	2	1.1	25.3	2.3900	2	1.1	50.5	2.8200	1	0.5	80.2
0.7000	2	1.1	3.3	1.9900	1	0.5	25.8	2.4000	3	1.6	52.2	2.8500	4	2.2	82.4
0.7600	1	0.5	3.8	1.9400	1	0.5	26.4	2.4100	2	1.1	53.3	2.8700	2	1.1	83.5
0.8500	1	0.5	4.4	2.0000	1	0.5	26.9	2.4200	1	0.5	53.8	2.9200	1	0.5	84.1
1.0000	1	0.5	4.9	2.0100	1	0.5	27.5	2.4400	1	0.5	54.4	2.9500	2	1.1	85.2
1.0100	1	0.5	5.5	2.0300	1	0.5	28.0	2.4500	1	0.5	54.9	2.9600	2	1.1	86.3
1.1700	1	0.5	6.0	2.0700	1	0.5	28.6	2.4700	2	1.1	56.0	2.9900	2	1.1	87.4
1.2600	1	0.5	6.6	2.0800	1	0.5	29.1	2.5100	2	1.1	57.1	3.0300	1	0.5	87.9
1.3700	1	0.5	7.1	2.0900	3	1.6	30.8	2.5200	3	1.6	58.8	3.0400	2	1.1	89.0
1.4500	1	0.5	7.7	2.1200	2	1.1	31.9	2.5300	3	1.6	60.4	3.0500	1	0.5	89.6
1.4600	1	0.5	8.2	2.1300	2	1.1	33.0	2.5400	1	0.5	61.0	3.0800	1	0.5	90.1
1.4800	1	0.5	8.8	2.1400	1	0.5	33.5	2.5500	3	1.6	62.6	3.0900	1	0.5	90.7
1.6300	2	1.1	9.9	2.1500	1	0.5	34.1	2.5700	1	0.5	63.2	3.1100	1	0.5	91.2
1.6500	2	1.1	11.0	2.1600	1	0.5	34.6	2.5800	1	0.5	63.7	3.1200	1	0.5	91.8
1.6600	1	0.5	11.5	2.1800	1	0.5	35.2	2.5900	1	0.5	64.3	3.1400	1	0.5	92.3
1.6700	1	0.5	12.1	2.2000	2	1.1	36.3	2.6100	1	0.5	64.8	3.1600	3	1.6	94.0
1.6900	1	0.5	12.6	2.2200	2	1.1	37.4	2.6300	1	0.5	65.4	3.2200	1	0.5	94.5
1.7200	1	0.5	13.2	2.2300	2	1.1	38.5	2.6500	2	1.1	66.5	3.2600	1	0.5	95.1
1.7400	1	0.5	13.7	2.2400	2	1.1	39.6	2.6600	1	0.5	67.0	3.3900	1	0.5	95.6
1.7500	1	0.5	14.3	2.2500	1	0.5	40.1	2.6800	1	0.5	67.6	3.4500	1	0.5	96.2

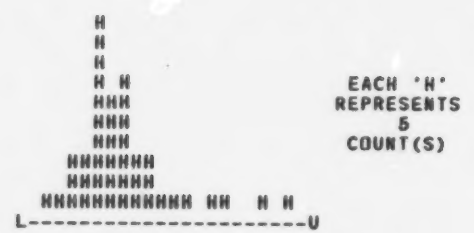
1.7600	1	0.5	14.8	2.2600	1	0.5	40.7	2.7000	1	0.5	68.1	3.4600	1	0.5	96.7
1.8000	1	0.5	15.4	2.2700	1	0.5	41.2	2.7100	3	1.6	69.8	3.5000	1	0.5	97.3
1.8200	2	1.1	16.5	2.2800	3	1.6	42.9	2.7200	2	1.1	70.9	3.5600	1	0.5	97.8
1.8300	2	1.1	17.6	2.2900	2	1.1	44.0	2.7300	1	0.5	71.4	3.6300	1	0.5	98.4
1.8400	1	0.5	18.1	2.3000	2	1.1	45.1	2.7400	4	2.2	73.6	3.6400	1	0.5	98.9
1.8800	2	1.1	19.2	2.3200	1	0.5	45.6	2.7500	1	0.5	74.2	3.7400	1	0.5	99.5
1.8900	3	1.6	20.9	2.3300	2	1.1	46.7	2.7600	1	0.5	74.7	3.8900	1	0.5	100.0
1.9000	2	1.1	22.0	2.3400	1	0.5	47.3	2.7800	3	1.6	76.4				

****
* COBALT *
****

VARIABLE NUMBER	7	MAXIMUM	51.0000000
NUMBER OF DISTINCT VALUES .	31	MINIMUM	5.0000000
NUMBER OF VALUES COUNTED. .	182	RANGE	46.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	43.5670156
		ST.DEV.	6.6005325
		(Q3-Q1)/2	3.0000000
		MX.ST.SC.	5.16
		MN.ST.SC.	-1.81

LOCATION ESTIMATES

		ST.ERROR
MEAN	16.9560394	0.4892640
MEDIAN	16.0000000	0.5773506
MODE	13.0000000	



EACH '-' ABOVE = 2.5000
L= 0.0
U= 55.0000
CASE NO. OF MIN. VAL. = 39
CASE NO. OF MAX. VAL. = 130

	VALUE	VALUE/S.E.
SKEWNESS	1.68	9.27
KURTOSIS	5.27	14.51

Q1= 13.0000000
Q3= 19.0000000
S-= 10.3555069
S+= 23.5565643

EACH '.' BELOW = 0.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
5.	1	0.5	0.5	13.	20	11.0	30.8	21.	5	2.7	81.9	30.	1	0.5	96.2
6.	2	1.1	1.6	14.	14	7.7	38.5	22.	6	3.3	85.2	31.	2	1.1	97.3
7.	3	1.6	3.3	15.	14	7.7	46.2	23.	7	3.8	89.0	36.	1	0.5	97.8
8.	4	2.2	5.5	16.	12	6.6	52.7	24.	4	2.2	91.2	37.	1	0.5	98.4
9.	4	2.2	7.7	17.	17	9.3	62.1	25.	2	1.1	92.3	39.	1	0.5	98.9
10.	7	3.8	11.5	18.	12	6.6	68.7	26.	2	1.1	93.4	45.	1	0.5	99.5
11.	8	4.4	15.9	19.	12	6.6	75.3	27.	1	0.5	94.0	51.	1	0.5	100.0
12.	7	3.8	19.8	20.	7	3.8	79.1	28.	3	1.6	95.6				

PAGE 8 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7726 21 O/6F

```
*************
* NICKEL    *
*************
                                                MAXIMUM       281.0000000
                                                MINIMUM        11.0000000
VARIABLE NUMBER . . . . . .                     RANGE         270.0000000
NUMBER OF DISTINCT VALUES .          87         VARIANCE     1274.3601074
NUMBER OF VALUES COUNTED. .         182         ST.DEV.        35.6981812
NUMBER OF VALUES NOT COUNTED          0         (Q3-Q1)/2      19.5000000
                                                MX.ST.SC.       5.58
                                                MN.ST.SC.      -1.98

LOCATION ESTIMATES                                  ST.ERROR
                   MEAN              81.6483459     2.6461248
                   MEDIAN            80.5000000     1.7320508
                   MODE              81.0000000
```

```
      H
      H
      H
      HH                      EACH 'H'
    HHHH                      REPRESENTS
    HHHH                          5
    HHHHH                      COUNT(S)
    HHHHH
   HHHHHHH
   HHHHHHHHHHHHH HH  H
 L----------------------U

 EACH '-' ABOVE =        15.0000
                 L=       0.0
                 U=     330.0000
 CASE NO. OF MIN. VAL. =  120
 CASE NO. OF MAX. VAL. =   60

                 VALUE   VALUE/S.E.      Q1=    58.0000000
 SKEWNESS         1.83        10.07      Q3=    97.0000000
 KURTOSIS         7.08        19.50      S-=    45.9501648
                                         S+=   117.3465271

                                     EACH '.' BELOW =      2.5000
```

```
M              S   Q                 Q      S
I              -   1          MM     3      +                                                              M
N.............................EE...........................................................................A
                              DA                                                                           X
                              IN
```

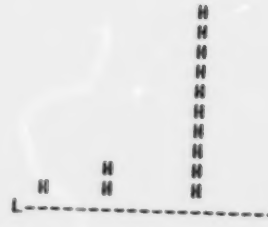
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
11.	1	0.5	0.5
18.	1	0.5	1.1
20.	1	0.5	1.6
23.	1	0.5	2.2
24.	1	0.5	2.7
25.	2	1.1	3.8
30.	1	0.5	4.4
35.	1	0.5	4.9
36.	1	0.5	5.5
37.	1	0.5	6.0
40.	3	1.6	7.7
41.	1	0.5	8.2
44.	1	0.5	8.8
45.	2	1.1	9.9
46.	3	1.6	11.5
47.	2	1.1	12.6
48.	1	0.5	13.2
49.	3	1.6	14.8
50.	4	2.2	17.0
51.	1	0.5	17.6
53.	2	1.1	18.7
54.	5	2.7	21.4
55.	2	1.1	22.5
56.	2	1.1	23.6
57.	1	0.5	24.2
58.	2	1.1	25.3
60.	2	1.1	26.4
62.	2	1.1	27.5
63.	2	1.1	28.6
64.	1	0.5	29.1
65.	2	1.1	30.2
66.	4	2.2	32.4
67.	2	1.1	33.5
68.	3	1.6	35.2
70.	2	1.1	36.3
71.	3	1.6	37.9
72.	2	1.1	39.0
74.	2	1.1	40.1
75.	3	1.6	41.8
76.	3	1.6	43.4
77.	4	2.2	45.6
78.	3	1.6	47.3
79.	3	1.6	48.9
80.	2	1.1	50.0
81.	7	3.8	53.8
82.	2	1.1	54.9
83.	6	3.3	58.2
84.	2	1.1	59.3
86.	3	1.6	61.0
87.	1	0.5	61.5
88.	6	3.3	64.8
89.	1	0.5	65.4
90.	3	1.6	67.0
91.	2	1.1	68.1
92.	3	1.6	69.8
93.	3	1.6	71.4
95.	1	0.5	72.0
96.	4	2.2	74.2
97.	2	1.1	75.3
98.	4	2.2	77.5
99.	3	1.6	79.1
101.	4	2.2	81.3
103.	3	1.6	83.0
104.	1	0.5	83.5
105.	1	0.5	84.1
106.	1	0.5	84.6
107.	3	1.6	86.3
108.	1	0.5	86.8
109.	2	1.1	87.9
110.	4	2.2	90.1
111.	2	1.1	91.2
112.	1	0.5	91.8
114.	1	0.5	92.3
119.	1	0.5	92.9
123.	1	0.5	93.4
127.	1	0.5	94.0
129.	1	0.5	94.5
130.	1	0.5	95.1
141.	1	0.5	95.6
152.	1	0.5	96.2
154.	1	0.5	96.7
165.	1	0.5	97.3
178.	1	0.5	97.8
186.	1	0.5	98.4
221.	1	0.5	98.9
232.	1	0.5	99.5
281.	1	0.5	100.0

****
* SILVER *
****

VARIABLE NUMBER	9	MAXIMUM	1.5000000
NUMBER OF DISTINCT VALUES .	4	MINIMUM	0.1000000
NUMBER OF VALUES COUNTED. .	182	RANGE	1.3999996
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0340177
		ST.DEV.	0.1844388
		(Q3-Q1)/2	0.0
		MX.ST.SC.	3.04
		MN.ST.SC.	-4.55

LOCATION ESTIMATES

		ST.ERROR
MEAN	0.9401098	0.0136715
MEDIAN	1.0000000	0.0
MODE	1.0000000	



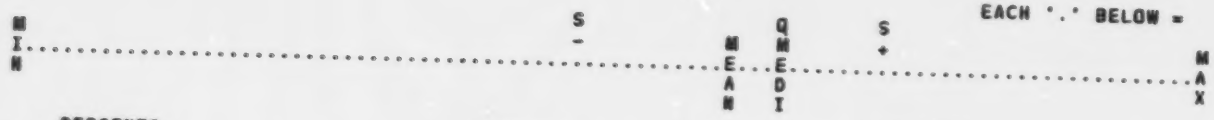
EACH '-' ABOVE = 0.0750
L= 0.0
U= 1.6500

CASE NO. OF MIN. VAL. = 95
CASE NO. OF MAX. VAL. = 121

	VALUE	VALUE/S.E.
SKEWNESS	-1.02	-10.05
KURTOSIS	4.23	11.64

Q1= 1.0000000
Q3= 1.0000000
S-= 0.7556710
S+= 1.1245480

EACH '.' BELOW = 0.0150



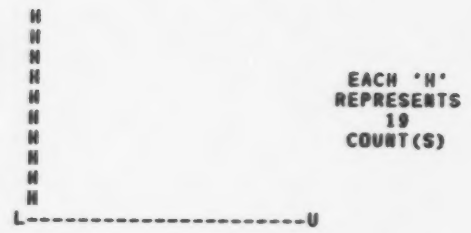
VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.10000	1	0.5	0.5	0.50000	22	12.1	12.6	1.00000	157	86.3	98.9	1.50000	2	1.1	100.0

****
* MOLYBDEN *
****

VARIABLE NUMBER	10	MAXIMUM	2.0000000
NUMBER OF DISTINCT VALUES .	1	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	102	RANGE	0.0
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0
		ST.DEV.	0.0
		(Q3-Q1)/2	0.0
		MX.ST.SC.	0.0
		MN.ST.SC.	0.0

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0000000	0.0
MEDIAN	2.0000000	0.0
MODE	2.0000000	



EACH '-' ABOVE = 0.0
L= 2.0000
U= 2.0000

CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 1

	VALUE	VALUE/S.E.
SKEWNESS	0.0	0.0
KURTOSIS	0.0	0.0

Q1= 2.0000000
Q3= 2.0000000
S-= 2.0000000
S+= 2.0000000

VALUE	COUNT	PERCENTS CELL	CUM
2.	102	100.0	100.0

PAGE 11 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7726 21 D/6F

```
*************
* URANIUM  *                            MAXIMUM         6.7999992
*************                           MINIMUM         0.7000000
                                        RANGE           6.0999985
VARIABLE NUMBER . . . . . .      11     VARIANCE        1.1130896
NUMBER OF DISTINCT VALUES .      25     ST.DEV.         1.0550308
NUMBER OF VALUES COUNTED. .      61     (Q3-Q1)/2       0.4499998
NUMBER OF VALUES NOT COUNTED    121     MX.ST.SC.       3.85
                                        MN.ST.SC.      -1.93

LOCATION ESTIMATES                          ST.ERROR
                  MEAN          2.7393417   0.1350828
                  MEDIAN        2.3999996   0.1443376
                  MODE          2.2999992
```

```
                    H
                    H                        EACH 'H'
                    H                       REPRESENTS
                   HH                            2
                   HHHH H                    COUNT(S)
                   HHHH H
                  HHHHH H
             H HHHHHHHHHH  HH   HH
            L-----------------------U

            EACH '-' ABOVE =        0.3000
                        L=          0.6000
                        U=          7.2000
      CASE NO. OF MIN. VAL. =  120
      CASE NO. OF MAX. VAL. =  156
                                             Q1=    2.1999998
                     VALUE    VALUE/S.E.     Q3=    3.0999994
SKEWNESS              1.78         5.66      S-=    1.6843109
KURTOSIS              4.21         6.72      S+=    3.7943726

                     EACH '.' BELOW =        0.0500
```

```
               S        Q           Q         S
M              -        1 M M   M   3         +                                            M
I.......................O.E.....E...............................................................A
N                       D D     A                                                           X
                        E I     N
```

VALUE	COUNT	PERCENTS CELL	CUM
0.7000	1	1.6	1.6
1.4000	1	1.6	3.3
1.6000	2	3.3	6.6
1.8000	1	1.6	8.2
1.9000	3	4.9	13.1
2.0000	4	6.6	19.7
2.1000	2	3.3	23.0
2.2000	6	9.8	32.8
2.3000	9	14.8	47.5
2.4000	4	6.6	54.1
2.5000	2	3.3	57.4
2.6000	1	1.6	59.0
2.7000	1	1.6	60.7
2.8000	1	1.6	62.3
2.9000	6	9.8	72.1
3.1000	2	3.3	75.4
3.3000	4	6.6	82.0
3.4000	1	1.6	83.6
3.5000	3	4.9	88.5
3.7000	2	3.3	91.8
4.1000	1	1.6	93.4
4.9000	1	1.6	95.1
5.2000	1	1.6	96.7
6.4000	1	1.6	98.4
6.8000	1	1.6	100.0

```
PAGE  12  BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES  INCLUDES ALL SAMPLES FOR MAP SHEET  7726 21 O/6F

  *************
  * TUNGSTEN *                              MAXIMUM        24.0000000
  *************                             MINIMUM         4.0000000
                                            RANGE          20.0000000
VARIABLE NUMBER . . . . . . .      12       VARIANCE       26.5142517
NUMBER OF DISTINCT VALUES .         6       ST.DEV.         5.1492004                         H                   EACH 'H'
NUMBER OF VALUES COUNTED. .        21       (Q3-Q1)/2       2.0000000                         H                  REPRESENTS
NUMBER OF VALUES NOT COUNTED      161       MX.ST.SC.       2.00                              H                       1
                                            MN.ST.SC.      -1.89                          H   H    H   H           COUNT(S)
                                                                                          H   H    H   H
LOCATION ESTIMATES                                  ST.ERROR                              H   H    H   H
                    MEAN           13.7142849     1.1236467                           H   H   H    H   H   H
                    MEDIAN         12.0000000     1.1547003                          L---------------------U
                    MODE           12.0000000
                                                                                  EACH '-' ABOVE =        1.0000
                                                                                                L=        3.0000
                                                                                                U=       25.0000
                                                                           CASE NO. OF MIN. VAL. =    1
                                                                           CASE NO. OF MAX. VAL. =  174

                                                                                                    Q1=    12.0000000
                                                                   VALUE     VALUE/S.E.             Q3=    16.0000000
                                                     SKEWNESS       0.15           0.28             S-=     8.5650845
                                                     KURTOSIS      -0.92          -0.86             S+=    18.8634796

                                                                                  EACH '.' BELOW =        0.2000
                            S            Q      M             Q          S
          M                 -            M      E             3          +                        M
          I.............................E.......E......................................................A
          N                              D      A                                                     X
                                         I      N

                   PERCENTS                        PERCENTS                          PERCENTS                          PERCENTS
  VALUE     COUNT  CELL   CUM      VALUE    COUNT  CELL   CUM      VALUE     COUNT  CELL   CUM      VALUE    COUNT  CELL   CUM
      4.        1   4.8   4.8        12.        7  33.3  57.1        20.        4  19.0  95.2
      8.        4  19.0  23.8        16.        4  19.0  76.2        24.        1   4.8 100.0
-------------------------------------------------------------------------------------------------------------------------------
```

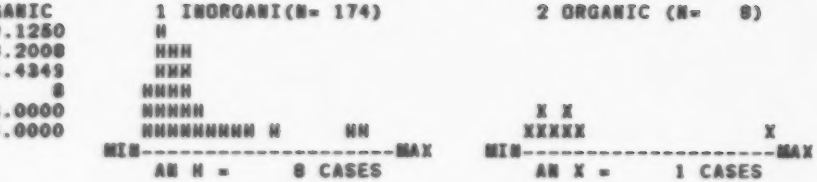
21 O/6F
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.70	0.5052	7.1
T (POOLED)	-1.58	0.1272	180
F(FOR VARIANCES)			
LEVENE	7.38	0.0072	1, 180

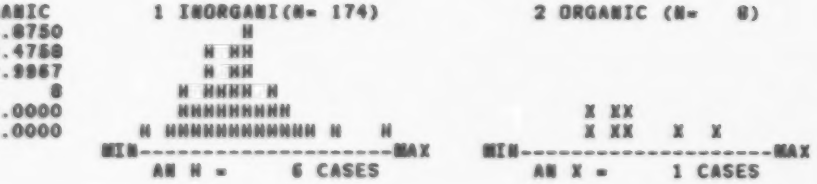
GROUP	1 INORGANI	2 ORGANIC
MEAN	14.5919	19.1250
STD DEV	7.4987	18.2008
S.E.M.	0.5685	6.4349
SAMPLE SIZE	174	8
MAXIMUM	57.0000	63.0000
MINIMUM	6.0000	6.0000



****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.86	0.4189	7.5
T (POOLED)	-1.00	0.3208	180
F(FOR VARIANCES)			
LEVENE	0.14	0.7090	1, 180

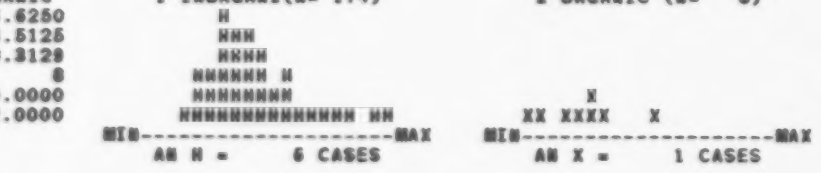
GROUP	1 INORGANI	2 ORGANIC
MEAN	23.2696	25.8750
STD DEV	7.1023	8.4758
S.E.M.	0.5445	2.9967
SAMPLE SIZE	174	8
MAXIMUM	53.0000	42.0000
MINIMUM	5.0000	17.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.89	0.0218	7.4
T (POOLED)	3.52	0.0005	180
F(FOR VARIANCES)			
LEVENE	0.18	0.6749	1, 180

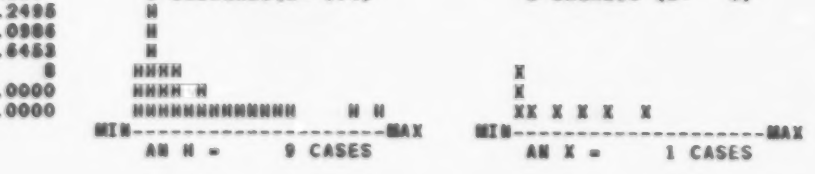
GROUP	1 INORGANI	2 ORGANIC
MEAN	71.0167	46.6250
STD DEV	18.9680	23.5125
S.E.M.	1.4380	8.3128
SAMPLE SIZE	174	8
MAXIMUM	155.0000	90.0000
MINIMUM	30.0000	12.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.18	0.8656	7.4
T (POOLED)	-0.22	0.8283	180
F(FOR VARIANCES)			
LEVENE	1.70	0.1935	1, 180

GROUP	1 INORGANI	2 ORGANIC
MEAN	830.6804	881.2498
STD DEV	636.3708	805.0986
S.E.M.	48.2431	284.6453
SAMPLE SIZE	174	8
MAXIMUM	4300.0000	2300.0000
MINIMUM	120.0000	190.0000



DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	5.87	0.0004	7.6
T (POOLED)	6.01	0.0000	180
F(FOR VARIANCES)			
LEVENE	0.12	0.7326	1, 180

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.4000	1.1062
STD DEV	0.5949	0.6100
S.E.M.	0.0451	0.2157
SAMPLE SIZE	174	8
MAXIMUM	3.8900	1.8300
MINIMUM	0.4700	0.2300

****
* COBALT * VARIABLE NUMBER 8
****

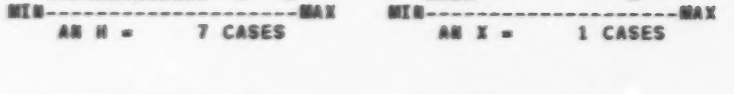
STATISTICS		P-VALUE	DF
T (SEPARATE)	8.19	0.0000	10.9
T (POOLED)	3.91	0.0001	180
F(FOR VARIANCES)			
LEVENE	2.00	0.1590	1, 180

GROUP	1 INORGANI	2 ORGANIC
MEAN	17.3500	8.3750
STD DEV	6.4582	2.7742
S.E.M.	0.4896	0.9808
SAMPLE SIZE	174	8
MAXIMUM	51.0000	13.0000
MINIMUM	7.0000	5.0000

****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.94	0.3793	7.1
T (POOLED)	1.85	0.0663	180
F(FOR VARIANCES)			
LEVENE	4.79	0.0300	1, 180

GROUP	1 INORGANI	2 ORGANIC
MEAN	82.6891	59.0000
STD DEV	33.2217	71.1417
S.E.M.	2.5185	25.1624
SAMPLE SIZE	174	8
MAXIMUM	281.0000	232.0000
MINIMUM	18.0000	11.0000



****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-4.39	0.0000	173.0
T (POOLED)	-0.94	0.3490	180
F(FOR VARIANCES)			
LEVENE	5.51	0.0200	1, 180

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.9374	1.0000
STD DEV	0.1882	0.0
S.E.M.	0.0143	0.0
SAMPLE SIZE	174	8
MAXIMUM	1.5000	1.0000
MINIMUM	0.1000	1.0000

DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	180
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 180

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0000	2.0000
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	174	8
MAXIMUM	2.0000	2.0000
MINIMUM	2.0000	2.0000

1 INORGANI(N= 174) 2 ORGANIC (N= 8)

MIN----------MAX MIN----------MAX
AN H = 29 CASES AN X = 2 CASES

****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.29	0.8179	1.0
T (POOLED)	-1.11	0.2720	59
F(FOR VARIANCES)			
LEVENE	23.42	0.0000	1, 59

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.7119	3.5500
STD DEV	0.9208	4.0305
S.E.M.	0.1199	2.8500
SAMPLE SIZE	59	2
MAXIMUM	6.8000	6.4000
MINIMUM	1.4000	0.7000

1 INORGANI(N= 59) 2 ORGANIC (N= 2)

MIN----------MAX MIN----------MAX
AN H = 3 CASES AN X = 1 CASES

* * * * * WARNING - GROUP 2 ORGANIC HAS NO CASES. HISTOGRAM FOR VARIABLE 13 TUNGSTEN WILL NOT BE PRINTED.

****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	180
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1, 180

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	174	8
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0

1 INORGANI(N= 174) 2 ORGANIC (N= 8)

MIN----------MAX MIN----------MAX
AN H = 29 CASES AN X = 2 CASES

NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.668 SECONDS

21 O/6G

1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7727 21 O/6G

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7727001	47.3784	-67.1554	0	0	1	17.0	22.0	59.0	480.0	2.62	19.0	64.0	1.0	2.0			
82	7727002	47.3797	-67.1572	0	0	1	16.0	25.0	73.0	890.0	2.40	18.0	57.0	1.0	2.0			
82	7727003	47.3817	-67.1586	0	0	1	14.0	25.0	73.0	810.0	2.32	17.0	54.0	1.0	2.0	2.1		
82	7727004	47.3839	-67.1600	0	0	1	16.0	28.0	81.0	450.0	2.46	19.0	60.0	1.0	2.0			
82	7727005	47.3857	-67.1615	0	0	1	15.0	28.0	91.0	630.0	2.73	20.0	65.0	1.0	2.0			
82	7727006	47.3874	-67.1654	0	0	1	25.0	25.0	69.0	950.0	3.05	23.0	81.0	1.0	2.0	1.6		
82	7727007	47.3868	-67.1721	0	0	1	27.0	28.0	66.0	980.0	3.33	26.0	87.0	1.0	2.0			
82	7727008	47.3886	-67.1621	0	0	1	18.0	28.0	69.0	1000.0	2.71	20.0	63.0	1.0	2.0			
82	7727009	47.3918	-67.1626	0	0	1	15.0	25.0	83.0	740.0	2.50	19.0	52.0	1.0	2.0	3.1		
82	7727010	47.3944	-67.1635	0	0	1	15.0	22.0	64.0	420.0	1.95	15.0	41.0	1.0	2.0			
82	7727011	47.3962	-67.1632	0	0	1	18.0	28.0	70.0	850.0	2.34	19.0	49.0	1.0	2.0			
82	7727012	47.3983	-67.1640	0	0	1	19.0	38.0	88.0	2600.0	2.80	21.0	48.0	1.0	2.0	2.3		
82	7727013	47.3769	-67.1771	0	0	1	24.0	28.0	78.0	1600.0	2.93	21.0	75.0	1.0	2.0	2.3		
82	7727014	47.3793	-67.1775	0	0	1	23.0	35.0	73.0	1600.0	2.22	18.0	58.0	1.0	2.0			
82	7727015	47.3817	-67.1780	0	0	1	27.0	28.0	67.0	2000.0	2.80	23.0	73.0	1.0	2.0			
82	7727016	47.3844	-67.1911	0	0	1	18.0	50.0	136.0	6900.0	2.75	24.0	41.0	1.0	2.0	4.0		
82	7727017	47.3812	-67.1905	0	0	1	28.0	31.0	69.0	2700.0	2.73	21.0	54.0	1.0	2.0			
82	7727018	47.3792	-67.1894	0	0	1	25.0	28.0	66.0	3100.0	2.75	21.0	54.0	1.0	2.0			
82	7727019	47.3768	-67.1890	0	0	1	21.0	28.0	75.0	2600.0	1.68	15.0	36.0	1.0	2.0			
82	7727020	47.3852	-67.2190	0	0	1	12.0	22.0	81.0	420.0	2.94	19.0	81.0	1.0	2.0	1.8		
82	7727021	47.3857	-67.2190	0	0	1	14.0	28.0	89.0	560.0	3.47	23.0	87.0	1.0	2.0			
82	7727022	47.3881	-67.2176	0	0	1	14.0	25.0	84.0	520.0	3.00	21.0	76.0	1.0	2.0			
82	7727023	47.3900	-67.2152	0	0	1	13.0	25.0	75.0	510.0	2.94	10.0	72.0	1.0	2.0	1.3		
82	7727024	47.3910	-67.2118	0	0	1	21.0	28.0	95.0	1100.0	3.37	23.0	77.0	1.0	2.0			
82	7727025	47.3927	-67.2075	0	0	1	22.0	28.0	81.0	1100.0	3.35	22.0	80.0	1.0	2.0			
82	7727026	47.3937	-67.2039	0	0	1	23.0	28.0	80.0	1000.0	3.33	23.0	78.0	1.0	2.0	2.2		
82	7727027	47.4024	-67.2080	0	0	1	9.0	22.0	72.0	250.0	2.47	16.0	80.0	1.0	2.0			
82	7727028	47.3996	-67.2096	0	0	1	10.0	25.0	95.0	330.0	3.38	21.0	93.0	1.0	2.0			
82	7727029	47.3974	-67.2118	0	0	1	10.0	22.0	80.0	320.0	2.83	18.0	76.0	1.0	2.0	1.8		
82	7727030	47.3954	-67.2118	0	0	1	8.0	22.0	72.0	250.0	2.48	16.0	70.0	1.0	2.0			
82	7727031	47.3802	-67.1353	0	0	1	10.0	28.0	73.0	1000.0	2.78	20.0	48.0	1.0	2.0			
82	7727032	47.3784	-67.1333	0	0	1	20.0	31.0	70.0	1500.0	2.42	18.0	42.0	1.0	2.0			
82	7727033	47.3763	-67.1300	0	0	1	17.0	28.0	61.0	1200.0	2.03	15.0	34.0	1.0	2.0	5.0		
82	7727034	47.4080	-67.2464	0	0	1	11.0	22.0	98.0	640.0	3.25	21.0	100.0	1.0	2.0			
82	7727035	47.4091	-67.2421	0	0	1	11.0	19.0	75.0	700.0	2.73	18.0	80.0	1.0	2.0			
82	7727036	47.4103	-67.2382	0	0	1	18.0	25.0	64.0	940.0	2.60	18.0	70.0	1.0	2.0	1.8		
82	7727037	47.4123	-67.2348	0	0	1	16.0	22.0	84.0	350.0	3.04	21.0	90.0	1.0	2.0			
82	7727038	47.4931	-67.2234	0	0	1	24.0	37.0	47.0	320.0	1.05	14.0	126.0	1.0	2.0	2.3		
82	7727039	47.4903	-67.2249	0	0	1	27.0	26.0	80.0	550.0	2.63	26.0	119.0	1.0	2.0			
82	7727040	47.4878	-67.2258	0	0	1	29.0	28.0	75.0	810.0	1.86	21.0	214.0	1.0	2.0			
82	7727041	47.4858	-67.2262	0	0	2	30.0	31.0	62.0	1000.0	1.11	16.0	203.0	1.0	2.0	2.6		
82	7727042	47.4836	-67.2273	0	0	1	22.0	31.0	70.0	750.0	1.65	17.0	185.0	1.0	2.0			
82	7727043	47.4816	-67.2288	0	0	1	28.0	31.0	66.0	1200.0	1.64	21.0	194.0	1.0	2.0			
82	7727044	47.4787	-67.2307	0	0	1	33.0	31.0	72.0	1600.0	2.38	24.0	273.0	1.0	2.0	7.1		
82	7727045	47.4747	-67.2324	0	0	1	156.0	52.0	64.0	3000.0	3.39	43.0	217.0	1.0	2.0			
82	7727046	47.4712	-67.2337	0	0	1	11.0	27.0	73.0	400.0	3.45	18.0	96.0	1.0	2.0			
82	7727047	47.4685	-67.2310	0	0	1	12.0	24.0	72.0	680.0	2.89	16.0	92.0	1.0	2.0	2.5		
82	7727048	47.4786	-67.2497	0	0	1	14.0	24.0	59.0	670.0	2.80	13.0	75.0	1.0	2.0			
82	7727049	47.4774	-67.2469	0	0	1	13.0	20.0	74.0	1200.0	2.75	16.0	98.0	1.0	2.0			
82	7727050	47.4757	-67.2438	0	0	1	10.0	17.0	47.0	510.0	2.39	11.0	66.0	1.0	2.0	2.0		

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7727 21 0/66

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7727051	47.4744	-67.2411	0	0	1	10.0	17.0	63.0	900.0	2.41	12.0	76.0	1.0	2.0			
82	7727052	47.4733	-67.2368	0	0	1	8.0	14.0	54.0	490.0	2.16	13.0	64.0	1.0	2.0			
82	7727053	47.4389	-67.2216	0	0	1	16.0	27.0	71.0	860.0	1.87	11.0	37.0	1.0	2.0	1.7		
82	7727054	47.4393	-67.2240	0	0	1	16.0	17.0	68.0	470.0	1.56	8.0	36.0	1.0	2.0			
82	7727055	47.4385	-67.2268	0	0	1	13.0	30.0	74.0	730.0	1.79	12.0	50.0	1.0	2.0			
82	7727056	47.4376	-67.2303	0	0	1	15.0	37.0	72.0	480.0	1.60	10.0	42.0	1.0	2.0	4.0		
82	7727057	47.4363	-67.2324	0	0	1	11.0	26.0	67.0	90.0	1.81	12.0	56.0	1.0	2.0			
82	7727058	47.4343	-67.2337	0	0	1	12.0	30.0	68.0	120.0	1.65	10.0	49.0	1.0	2.0			
82	7727059	47.4322	-67.2356	0	0	1	10.0	33.0	112.0	400.0	2.86	19.0	85.0	1.0	2.0	2.5		
82	7727060	47.4306	-67.2377	0	0	1	10.0	52.0	76.0	50.0	.04	8.0	11.0	1.0	2.0			
82	7727061	47.4363	-67.2197	0	0	1	13.0	33.0	101.0	750.0	3.00	20.0	71.0	1.0	2.0			
82	7727062	47.4332	-67.2187	0	0	1	22.0	37.0	83.0	890.0	1.65	26.0	82.0	1.0	2.0	1.8		
82	7727063	47.4302	-67.2194	0	0	1	11.0	30.0	107.0	770.0	2.96	20.0	80.0	1.0	2.0			
82	7727064	47.3764	-67.1524	0	0	1	15.0	26.0	73.0	530.0	2.39	14.0	46.0	1.0	2.0			
82	7727065	47.3828	-67.2338	0	0	1	12.0	22.0	64.0	330.0	2.00	12.0	61.0	1.0	2.0	1.8		
82	7727066	47.3828	-67.2305	0	0	1	16.0	31.0	78.0	530.0	2.33	16.0	72.0	1.0	2.0			
82	7727067	47.3838	-67.2283	0	0	1	16.0	26.0	77.0	550.0	2.44	15.0	71.0	1.0	2.0			
82	7727068	47.3830	-67.2236	0	0	1	14.0	26.0	61.0	440.0	1.91	12.0	56.0	1.0	2.0	2.0		
82	7727069	47.3812	-67.2182	0	0	1	17.0	39.0	59.0	710.0	2.54	17.0	66.0	1.0	2.0			
82	7727070	47.3787	-67.2178	0	0	1	18.0	31.0	77.0	700.0	2.72	18.0	75.0	1.0	2.0			
82	7727071	47.3764	-67.2183	0	0	1	16.0	31.0	69.0	620.0	2.62	15.0	69.0	1.0	2.0	1.5		
82	7727072	47.3772	-67.1508	0	0	1	22.0	26.0	74.0	460.0	2.77	20.0	71.0	1.0	2.0	1.8		
82	7727073	47.3789	-67.1480	0	0	1	21.0	31.0	73.0	500.0	2.78	19.0	71.0	1.0	2.0			
82	7727074	47.3798	-67.1453	0	0	1	22.0	26.0	76.0	560.0	2.65	18.0	70.0	1.0	2.0			
82	7727075	47.3838	-67.1430	0	0	1	22.0	26.0	68.0	510.0	2.56	19.0	65.0	1.0	2.0	2.5		
82	7727076	47.3853	-67.1413	0	0	1	24.0	31.0	70.0	630.0	2.81	21.0	74.0	1.0	2.0			
82	7727077	47.3844	-67.1393	0	0	1	22.0	26.0	68.0	550.0	2.69	19.0	69.0	1.0	2.0			
82	7727078	47.3859	-67.1385	0	0	1	26.0	31.0	68.0	750.0	2.81	24.0	76.0	1.0	2.0	2.5		
82	7727079	47.3850	-67.1356	0	0	1	19.0	26.0	73.0	490.0	2.59	18.0	67.0	1.0	2.0			
82	7727080	47.3868	-67.1349	0	0	1	18.0	26.0	74.0	350.0	2.50	17.0	68.0	1.0	2.0			
82	7727081	47.3872	-67.1326	0	0	1	16.0	26.0	64.0	360.0	2.18	15.0	57.0	1.0	2.0	2.3		
82	7727082	47.3892	-67.1298	0	0	1	18.0	31.0	65.0	380.0	2.36	17.0	61.0	1.0	2.0			
82	7727083	47.3921	-67.1271	0	0	1	17.0	26.0	70.0	410.0	2.43	17.0	64.0	1.0	2.0			
82	7727084	47.3955	-67.1273	0	0	1	20.0	31.0	76.0	670.0	2.58	18.0	71.0	1.0	2.0	2.0		
82	7727085	47.3963	-67.1256	0	0	1	10.0	26.0	67.0	510.0	2.20	13.0	48.0	1.0	2.0			
82	7727086	47.3989	-67.1286	0	0	1	20.0	31.0	79.0	520.0	2.69	18.0	71.0	1.0	2.0			
82	7727087	47.3901	-67.2430	0	0	1	6.0	19.0	66.0	1300.0	1.78	10.0	38.0	1.0	2.0	2.1		
82	7727088	47.3792	-67.2450	0	0	1	6.0	9.0	57.0	840.0	1.59	10.0	36.0	1.0	2.0			
82	7727089	47.3778	-67.2490	0	0	1	7.0	14.0	64.0	480.0	1.78	12.0	46.0	1.0	2.0			
82	7727090	47.3759	-67.2512	0	0	1	15.0	19.0	77.0	1100.0	2.66	17.0	53.0	1.0	2.0			
82	7727091	47.3774	-67.2285	0	0	1	20.0	23.0	95.0	1100.0	2.98	21.0	65.0	1.0	2.0			
82	7727092	47.3793	-67.2253	0	0	1	21.0	19.0	69.0	1100.0	3.18	23.0	67.0	1.0	2.0	2.0		
82	7727093	47.3818	-67.2426	0	0	1	10.0	14.0	48.0	260.0	2.20	12.0	50.0	1.0	2.0			
82	7727094	47.3834	-67.2442	0	0	1	13.0	14.0	77.0	480.0	2.45	17.0	86.0	1.0	2.0			
82	7727095	47.3843	-67.2468	0	0	1	12.0	10.0	72.0	530.0	2.51	18.0	85.0	1.0	2.0	2.5		
82	7727096	47.3856	-67.2497	0	0	1	12.0	14.0	80.0	580.0	2.72	19.0	92.0	1.0	2.0			
82	7727097	47.3874	-67.2497	0	0	1	14.0	14.0	66.0	550.0	2.16	16.0	73.0	1.0	2.0			
82	7727098	47.4664	-67.2307	0	0	1	11.0	14.0	58.0	460.0	2.10	13.0	72.0	1.0	2.0	2.2		
82	7727099	47.4635	-67.2315	0	0	1	12.0	10.0	59.0	660.0	2.29	16.0	80.0	1.0	2.0			
82	7727100	47.4608	-67.2321	0	0	1	12.0	14.0	61.0	350.0	2.41	17.0	84.0	1.0	2.0			

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MAP SHEET 7727 21 D/6G

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7727101	47.4582	-67.2306	0	0	1	12.0	14.0	70.0	390.0	2.59	16.0	84.0	1.0	2.0	2.0		
82	7727102	47.4550	-67.2288	0	0	1	13.0	14.0	58.0	390.0	2.68	16.0	83.0	1.0	2.0			
82	7727103	47.4533	-67.2268	0	0	1	12.0	14.0	59.0	380.0	2.25	14.0	82.0	1.0	2.0			
82	7727104	47.4502	-67.2263	0	0	1	13.0	10.0	62.0	360.0	2.33	15.0	88.0	1.0	2.0	2.1		
82	7727105	47.4481	-67.2258	0	0	1	15.0	19.0	86.0	460.0	3.00	19.0	117.0	1.0	2.0			
82	7727106	47.4452	-67.2260	0	0	1	15.0	10.0	70.0	400.0	2.37	16.0	85.0	1.0	2.0			
82	7727107	47.4420	-67.2233	0	0	1	14.0	14.0	67.0	400.0	2.44	16.0	90.0	1.0	2.0	2.2		
82	7727108	47.4096	-67.2095	0	0	1	40.0	34.0	92.0	3300.0	1.63	48.0	365.0	1.0	2.0			
82	7727109	47.4068	-67.2090	0	0	1	19.0	29.0	89.0	530.0	2.60	20.0	185.0	1.0	2.0	3.3		
82	7727110	47.4043	-67.2092	0	0	1	26.0	29.0	61.0	730.0	1.80	14.0	160.0	1.0	2.0			
82	7727111	47.4017	-67.2105	0	0	1	23.0	24.0	55.0	290.0	1.54	13.0	112.0	1.0	2.0			
82	7727112	47.4792	-67.2115	0	0	1	12.0	29.0	84.0	560.0	3.19	18.0	113.0	1.0	2.0	2.0		
82	7727113	47.4763	-67.2113	0	0	1	18.0	24.0	73.0	510.0	2.25	16.0	101.0	1.0	2.0			
82	7727114	47.4731	-67.2115	0	0	1	15.0	24.0	94.0	490.0	2.88	20.0	123.0	1.0	2.0			
82	7727115	47.4702	-67.2126	0	0	1	15.0	19.0	69.0	330.0	2.19	15.0	91.0	1.0	2.0	2.5		
82	7727116	47.4668	-67.2121	0	0	2	16.0	24.0	62.0	720.0	1.86	15.0	75.0	1.0	2.0			
82	7727117	47.4644	-67.2126	0	0	2	16.0	19.0	59.0	290.0	1.65	13.0	65.0	1.0	2.0			
82	7727118	47.4618	-67.2130	0	0	2	13.0	24.0	103.0	1300.0	2.93	23.0	117.0	1.0	2.0	2.8		
82	7727119	47.4598	-67.2124	0	0	1	15.0	24.0	94.0	850.0	2.78	20.0	110.0	1.0	2.0			
82	7727120	47.4575	-67.2120	0	0	1	14.0	38.0	103.0	600.0	3.42	23.0	118.0	1.0	2.0			
82	7727121	47.4552	-67.2100	0	0	1	18.0	29.0	91.0	530.0	2.54	18.0	99.0	1.0	2.0	4.8		
82	7727122	47.4535	-67.2086	0	0	1	18.0	24.0	75.0	380.0	2.07	[illegible]	85.0	1.0	2.0			
82	7727123	47.4522	-67.2075	0	0	1	17.0	24.0	89.0	540.0	3.10	[illegible]	111.0	1.0	2.0			
82	7727124	47.4540	-67.2045	0	0	1	16.0	29.0	73.0	420.0	2.53	[illegible]	94.0	1.0	2.0	2.5		
82	7727125	47.4547	-67.2015	0	0	1	16.0	24.0	78.0	430.0	2.64	18.0	91.0	1.0	2.0			
82	7727126	47.4502	-67.2093	0	0	1	15.0	24.0	70.0	900.0	2.48	16.0	91.0	1.0	2.0			
82	7727127	47.4482	-67.2101	0	0	1	15.0	24.0	69.0	410.0	2.41	16.0	88.0	1.0	2.0	2.2		
82	7727128	47.4465	-67.2129	0	0	1	15.0	19.0	66.0	350.0	2.31	16.0	86.0	1.0	2.0			
82	7727129	47.4455	-67.2158	0	0	1	15.0	19.0	67.0	380.0	2.16	16.0	86.0	1.0	2.0			
82	7727130	47.4442	-67.2190	0	0	1	16.0	24.0	61.0	330.0	2.19	15.0	82.0	1.0	2.0	2.7		
82	7727131	47.4428	-67.2200	0	0	1	16.0	19.0	69.0	500.0	2.63	17.0	89.0	1.0	2.0			
82	7727132	47.4583	-67.2492	0	0	1	15.0	25.0	107.0	720.0	3.36	22.0	112.0	1.0	2.0			
82	7727133	47.4562	-67.2457	0	0	1	14.0	29.0	91.0	540.0	3.06	19.0	112.0	1.0	2.0			
82	7727134	47.4565	-67.2432	0	0	1	17.0	42.0	74.0	230.0	2.42	16.0	78.0	1.0	2.0	2.2		
82	7727135	47.4578	-67.2416	0	0	1	30.0	34.0	86.0	3000.0	2.47	33.0	100.0	1.0	2.0			
82	7727136	47.4595	-67.2441	0	0	2	24.0	34.0	38.0	350.0	.75	10.0	57.0	1.0	2.0			
82	7727137	47.4569	-67.2380	0	0	1	16.0	29.0	60.0	330.0	2.77	15.0	94.0	.5	2.0	2.5		
82	7727138	47.4576	-67.2363	0	0	1	12.0	25.0	94.0	510.0	3.00	17.0	109.0	1.0	2.0			
82	7727139	47.4588	-67.2343	0	0	1	26.0	34.0	99.0	720.0	3.10	21.0	97.0	.5	2.0			
81	7727140	47.4011	-67.1900	0	0	2	77.0	29.0	34.0	2500.0	.54	12.0	31.0	3.0	2.0	67.7		
81	7727141	47.4021	-67.1816	0	0	2	33.0	37.0	94.0	4400.0	1.57	14.0	36.0	1.5	2.0	9.0		
81	7727142	47.4012	-67.1804	0	0	2	27.0	31.0	49.0	1600.0	1.01	9.0	21.0	1.5	2.0	8.6		
81	7727143	47.4040	-67.1760	0	0	2	35.0	28.0	45.0	810.0	.50	12.0	23.0	2.5	2.0	13.8		
81	7727144	47.4052	-67.1705	0	0	1	17.0	31.0	60.0	1700.0	1.97	18.0	34.0	1.0	2.0	4.1		
81	7727145	47.4006	-67.1660	0	0	1	18.0	37.0	49.0		1.45	12.0		1.5	2.0	9.0		
81	7727146	47.4060	-67.1695	0	0	2	12.0	25.0	66.0	810.0	1.79	13.0	30.0	.5	2.0	4.1		
81	7727147	47.4124	-67.1690	0	0	2	11.0	25.0	45.0	60.0	.77	11.0	21.0	1.5	2.0	9.7		
81	7727148	47.4072	-67.1846	0	0	1	12.0	26.0	38.0	640.0	1.98	13.0	42.0	.5	2.0	2.3		
81	7727149	47.4087	-67.1294	0	0	1	13.0	24.0	67.0	640.0	2.54	18.0	55.0	1.0	2.0	3.3		
81	7727150	47.4091	-67.1263	0	0	1	11.0	21.0	58.0	310.0	1.95	12.0	42.0	.5	2.0	3.6		

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MAP SHEET 7727 21 0/60

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
81	7727151	47.4097	-67.1253	0	0	1	15.0	24.0	73.0	470.0	2.50	15.0	55.0	1.0	2.0	3.1		
81	7727152	47.4098	-67.1296	0	0	2	13.0	27.0	67.0	640.0	1.73	12.0	38.0	.5	2.0	2.7		
81	7727153	47.4119	-67.1320	0	0	1	16.0	21.0	71.0	270.0	2.14	15.0	58.0	.5	2.0	2.3		
81	7727154	47.4130	-67.1348	0	0	1	13.0	21.0	60.0	460.0	2.10	15.0	48.0	.5	2.0	3.6		
81	7727155	47.4154	-67.1338	0	0	1	15.0	24.0	69.0	620.0	2.37	18.0	59.0	.5	2.0	2.8		
81	7727156	47.4100	-67.1330	0	0	1	17.0	24.0	69.0	620.0	2.13	15.0	43.0	.5	2.0	3.0		
81	7727157	47.4096	-67.1381	0	0	1	19.0	26.0	75.0	1000.0	2.45	17.0	51.0	1.0	2.0	2.6		
81	7727158	47.4192	-67.1845	0	0	2	15.0	37.0	53.0	2400.0	1.21	53.0	41.0	1.5				
81	7727159	47.4225	-67.1815	0	0	2	9.0	37.0	49.0	100.0	.17	4.0	8.0	.5				
81	7727160	47.4256	-67.1742	0	0	2	19.0	25.0	94.0	2300.0	1.32	10.0	32.0	1.5	2.0	5.5		
81	7727161	47.4285	-67.1700	0	0	2	15.0	37.0	127.0	1300.0	.20	5.0	14.0	1.5	2.0	1.7		
81	7727162	47.4286	-67.1695	0	0	2	13.0	18.0	76.0	1900.0	1.32	8.0	32.0	1.5	2.0	6.7		
81	7727163	47.4306	-67.1635	0	0	2	11.0	18.0	60.0	330.0	2.42	15.0	52.0	.5				
81	7727164	47.4314	-67.1549	0	0	2	9.0	21.0	74.0	110.0	1.60	12.0	41.0	.5				
81	7727165	47.4335	-67.1379	0	0	2	10.0	18.0	51.0	200.0	1.23	10.0	31.0	.5	2.0	2.8		
81	7727166	47.4331	-67.1300	0	0	1	12.0	18.0	57.0	100.0	1.62	10.0	35.0	.5	2.0	2.1		
81	7727167	47.4342	-67.1306	0	0	1	9.0	18.0	59.0	120.0	1.64	10.0	36.0	.5	2.0	2.6		
81	7727168	47.4373	-67.1255	0	0	2	10.0	18.0	55.0	170.0	1.76	10.0	37.0	.5	2.0	2.3		
81	7727169	47.4524	-67.1281	0	0	2	11.0	35.0	54.0	380.0	1.77	13.0	37.0	1.5	2.0			
81	7727170	47.4281	-67.1963	0	0	2	13.0	25.0	61.0	630.0	2.02	12.0	37.0	1.0	2.0	1.8		
81	7727171	47.4312	-67.1915	0	0	2	13.0	28.0	44.0	320.0	1.67	10.0	42.0	1.0	2.0	3.1		
81	7727172	47.4340	-67.1870	0	0	2	10.0	18.0	78.0	120.0	2.31	14.0	59.0	1.0	2.0	1.8		
81	7727173	47.4376	-67.1826	0	0	2	13.0	25.0	42.0	130.0	.77	8.0	18.0	1.5	2.0	5.8		
81	7727174	47.4384	-67.1825	0	0	2	42.0	18.0	21.0	1800.0	.57	10.0	26.0	2.0	2.0	4.7		
81	7727175	47.4407	-67.1849	0	0	2	8.0	15.0	50.0	140.0	1.32	8.0	36.0	.5	2.0	1.6		
81	7727176	47.4410	-67.1864	0	0	2	13.0	25.0	67.0	170.0	1.72	11.0	41.0	1.5	2.0	2.5		
81	7727177	47.4446	-67.1830	0	0	2	9.0	18.0	67.0	280.0	1.71	11.0	41.0	.5	2.0	1.6		
81	7727178	47.4455	-67.1842	0	0	2	13.0	25.0	67.0	330.0	1.19	9.0	24.0	1.5	2.0	2.0		
81	7727179	47.4437	-67.1903	0	0	2	13.0	18.0	63.0	100.0	1.33	9.0	32.0	1.5	2.0	2.3		
81	7727180	47.4405	-67.1945	0	0	2	14.0	31.0	67.0	370.0	1.35	9.0	34.0	1.5	2.0	1.6		
81	7727181	47.4456	-67.1793	0	0	2	10.0	20.0	50.0	150.0	1.35	11.0	34.0	.5	2.0	2.0		
81	7727182	47.4468	-67.1788	0	0	2	14.0	35.0	65.0	120.0	.90	9.0	26.0	1.5	2.0	1.7		
81	7727183	47.4482	-67.1732	0	0	2	14.0	18.0	39.0	100.0	.69	8.0	24.0	1.5	2.0	2.6		
81	7727184	47.4416	-67.1722	0	0	2	13.0	35.0	66.0	1700.0	1.92	14.0	41.0	1.5	2.0	1.6		
81	7727185	47.4447	-67.1670	0	0	2	18.0	37.0	67.0	1600.0	1.64	13.0	36.0	1.5	2.0	2.0		
81	7727186	47.4501	-67.1833	0	0	2	11.0	36.0	65.0	660.0	1.77	12.0	38.0	.5	2.0	1.5		
81	7727187	47.4510	-67.1825	0	0	2	37.0	42.0	33.0	1700.0	1.21	19.0	40.0	2.5	2.0	4.2		
81	7727188	47.4533	-67.1769	0	0	2	40.0	42.0	33.0	60.0	1.11	14.0	37.0	2.5	2.0	3.5		
81	7727189	47.4548	-67.1850	0	0	2	12.0	24.0	52.0	580.0	1.67	26.0	41.0	.5	2.0	2.2		
81	7727190	47.4580	-67.1856	0	0	1	15.0	18.0	63.0	290.0	2.00	12.0	70.0	.5	2.0	3.7		
81	7727191	47.4608	-67.1840	0	0	2	39.0	25.0	42.0	150.0	1.35	9.0	52.0	1.5	2.0			
81	7727192	47.4615	-67.1850	0	0	1	16.0	21.0	61.0	250.0	2.13	13.0	73.0	.5	2.0	3.1		
81	7727193	47.4588	-67.1911	0	0	1	15.0	21.0	63.0	290.0	2.06	13.0	71.0	1.0	2.0	3.1		
81	7727194	47.4565	-67.1969	0	0	1	15.0	18.0	65.0	290.0	2.47	16.0	83.0	1.0	2.0	2.5		
81	7727195	47.4657	-67.1805	0	0	1	14.0	21.0	67.0	350.0	2.27	14.0	70.0	1.0	2.0	2.5		
81	7727196	47.4684	-67.1768	0	0	1	15.0	21.0	76.0	400.0	2.52	16.0	81.0	1.0	2.0	2.7		
81	7727197	47.4720	-67.1818	0	0	2	18.0	21.0	82.0	340.0	2.36	17.0	90.0	1.0	2.0	3.7		
81	7727198	47.4730	-67.1860	0	0	2	21.0	37.0	80.0	340.0	1.19	24.0	58.0	1.5	2.0	3.6		
81	7727199	47.4741	-67.1859	0	0	1	38.0	25.0	74.0	290.0	2.43	27.0	99.0	1.0	2.0	7.8		
81	7727200	47.4732	-67.1915	0	0	2	40.0	31.0	92.0	290.0	2.19	24.0	204.0	1.5	2.0	5.5		

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* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7727 21 0/60

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
81	7727201	47.4778	-67.1886	0	0	2	45.0	25.0	67.0	850.0	1.50	14.0	45.0	2.0	2.0	4.6		
81	7727202	47.4769	-67.1944	0	0	2	34.0	31.0	63.0	810.0	1.64	14.0	48.0	1.5	2.0	5.1		
81	7727203	47.4815	-67.1975	0	0	2	49.0	31.0	46.0	460.0	.72	10.0	31.0	1.5	2.0	6.5		
81	7727204	47.4828	-67.1877	0	0	2	19.0	18.0	88.0	300.0	2.45	17.0	97.0	1.0	2.0	5.1		
81	7727205	47.4870	-67.1865	0	0	2	17.0	21.0	80.0	330.0	2.04	14.0	83.0	1.0	2.0	4.2		
81	7727206	47.4919	-67.1855	0	0	2	22.0	25.0	84.0	240.0	1.92	14.0	76.0	1.0	2.0	4.8		
81	7727207	47.4933	-67.1900	0	0	2	18.0	28.0	66.0	170.0	2.00	18.0	73.0	1.5	2.0	3.6		
81	7727208	47.4926	-67.1955	0	0	2	19.0	21.0	88.0	360.0	2.79	18.0	106.0	1.0	2.0	3.6		
81	7727209	47.4935	-67.1975	0	0	2	20.0	42.0	33.0	60.0	.40	16.0	34.0	2.5	2.0	7.0		
81	7727210	47.4950	-67.1904	0	0	2	18.0	18.0	84.0	220.0	2.16	15.0	85.0	1.0	2.0	5.0		
81	7727211	47.4981	-67.1923	0	0	2	21.0	15.0	65.0	400.0	1.87	13.0	84.0	1.0	2.0	5.2		
81	7727212	47.4996	-67.1850	0	0	2	22.0	31.0	49.0	170.0	1.42	11.0	49.0	1.5	2.0	2.5		
81	7727213	47.4958	-67.1640	0	0	2	25.0	18.0	50.0	130.0	1.19	10.0	44.0	1.5	2.0	3.2		
81	7727214	47.4885	-67.1690	0	0	1	18.0	21.0	74.0	340.0	2.30	24.0	79.0	.5	2.0	2.3		
81	7727215	47.4903	-67.1630	0	0	1	16.0	18.0	71.0	230.0	2.56	16.0	79.0	1.0	2.0	2.2		
81	7727216	47.4911	-67.1621	0	0	2	22.0	25.0	55.0	130.0	1.06	10.0	39.0	1.5	2.0	2.6		
81	7727217	47.4867	-67.1617	0	0	2	18.0	15.0	53.0	140.0	1.68	11.0	58.0	1.0	2.0	3.1		
81	7727218	47.4824	-67.1601	0	0	2	27.0	25.0	46.0	60.0	.64	8.0	25.0	1.5	2.0	4.0		
81	7727219	47.4785	-67.1588	0	0	2	28.0	25.0	55.0	60.0	.88	8.0	35.0	1.5	2.0	3.5		
81	7727220	47.4781	-67.1577	0	0	2	26.0	31.0	55.0	40.0	.60	7.0	27.0	1.5	2.0	3.2		
81	7727221	47.4760	-67.1595	0	0	2	25.0	25.0	42.0	120.0	.70	7.0	28.0	1.5	2.0	3.7		
81	7727222	47.4755	-67.1605	0	0	1	17.0	21.0	78.0	430.0	2.75	17.0	83.0	1.0	2.0	2.8		
81	7727223	47.4733	-67.1645	0	0	1	14.0	18.0	69.0	340.0	2.45	14.0	77.0	.5	2.0	2.5		
81	7727224	47.4704	-67.1709	0	0	1	18.0	21.0	78.0	370.0	2.71	19.0	91.0	1.0	2.0	3.2		
81	7727225	47.4737	-67.1561	0	0	1	15.0	18.0	69.0	360.0	2.38	14.0	73.0	1.0	2.0	2.1		
81	7727226	47.4710	-67.1520	0	0	1	17.0	25.0	78.0	540.0	2.65	17.0	86.0	1.0	2.0	3.1		
81	7727227	47.4702	-67.1516	0	0	1	18.0	25.0	67.0	540.0	2.77	17.0	72.0	1.0	2.0	2.0		
81	7727228	47.4690	-67.1450	0	0	1	14.0	21.0	64.0	330.0	2.76	16.0	83.0	1.0	2.0	2.5		
81	7727229	47.4693	-67.1415	0	0	1	18.0	25.0	64.0	670.0	2.37	16.0	79.0	.5	2.0	3.1		
81	7727230	47.4705	-67.1420	0	0	1	16.0	21.0	57.0	410.0	2.53	15.0	73.0	.5	2.0	2.8		
81	7727231	47.4728	-67.1332	0	0	1	18.0	25.0	66.0	490.0	2.60	17.0	81.0	1.0	2.0	2.5		
81	7727232	47.4740	-67.1335	0	0	2	13.0	21.0	51.0	2100.0	1.50	10.0	53.0	.5	2.0	2.5		
81	7727233	47.4735	-67.1296	0	0	1	18.0	25.0	70.0	540.0	2.73	18.0	84.0	1.0	2.0	2.3		
81	7727234	47.4729	-67.1286	0	0	1	17.0	25.0	66.0	470.0	2.65	16.0	81.0	1.0	2.0	2.3		
81	7727235	47.4683	-67.1450	0	0	1	15.0	21.0	45.0	200.0	1.80	12.0	63.0	.5	2.0	2.8		
81	7727236	47.4642	-67.1450	0	0	1	15.0	25.0	51.0	290.0	1.98	12.0	68.0	1.0	2.0	3.3		
81	7727237	47.4602	-67.1456	0	0	1	14.0	21.0	57.0	290.0	2.43	15.0	78.0	.5	2.0	2.5		
81	7727238	47.4565	-67.1490	0	0	1	14.0	21.0	61.0	300.0	2.63	16.0	82.0	1.0	2.0	2.0		
81	7727239	47.4816	-67.1265	0	0	2	19.0	21.0	59.0	240.0	1.87	15.0	60.0		2.0	3.8		
81	7727240	47.4852	-67.1299	0	0	2	18.0	25.0	49.0	170.0	1.83	11.0	122.0	1.5	2.0	3.3		
81	7727241	47.4884	-67.1305	0	0	2	16.0	25.0	43.0	60.0	.88	8.0	32.0	1.5	2.0	3.7		
81	7727242	47.4787	-67.1875	0	0	2	19.0	21.0	71.0	250.0	1.94	13.0	81.0	1.0	2.0	5.1		
81	7727243	47.4915	-67.1260	0	0	2	11.0	21.0	53.0	130.0	1.82	10.0	46.0	.5	2.0	2.3		
81	7727243	47.4915	-67.1260	0	0	2	11.0	21.0	53.0	130.0	1.82	10.0	46.0	.5	2.0	2.3		

21 O/6G
1. STATISTICS 1

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*************
* COPPER    *                                  MAXIMUM       156.0000000
*************                                  MINIMUM         6.0000000
                                               RANGE         150.0000000
VARIABLE NUMBER . . . . . .       2            VARIANCE      142.8793793
NUMBER OF DISTINCT VALUES .      36            ST.DEV.        11.9532166
NUMBER OF VALUES COUNTED. .     243            (Q3-Q1)/2       3.5000000
NUMBER OF VALUES NOT COUNTED      0            MX.ST.SC.      11.53
                                               MN.ST.SC.      -1.02

LOCATION ESTIMATES                                     ST.ERROR
                  MEAN           18.2139093      0.7667992
                  MEDIAN         16.0000000      0.2886752
                  MODE           15.0000000

                         H
                         H
                         HH                      EACH 'H'
                         HH                     REPRESENTS
                         HH                         12
                         HH                      COUNT(S)
                         HHH
                         HHH
                        HHHHHHH   H        H
                       L-----------------------U

                       EACH '-' ABOVE =      7.5000
                                     L=      0.0
                                     U=    172.4999
                  CASE NO. OF MIN. VAL. =  87
                  CASE NO. OF MAX. VAL. =  45

                                                    Q1=   13.0000000
                         VALUE    VALUE/S.E.        Q3=   20.0000000
          SKEWNESS        7.06        44.96         S-=    6.2607727
          KURTOSIS       72.77       231.56         S+=   30.1672058

                       EACH '.' BELOW =      1.5000

  S  Q    Q      S
M-   1MM M3      +                                                        M
I.....OE.E................................................................A
N     DD A                                                                X
      EI N
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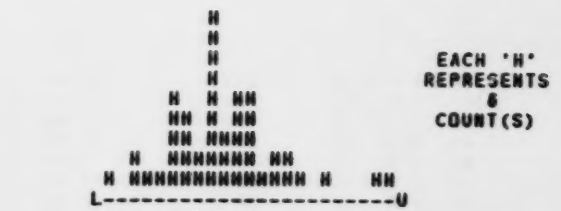
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
6.	2	0.8	0.8	15.	26	10.7	47.3	24.	4	1.6	86.4	37.	1	0.4	95.9
7.	1	0.4	1.2	16.	22	9.1	56.4	25.	4	1.6	88.1	38.	1	0.4	96.3
8.	3	1.2	2.5	17.	12	4.9	61.3	26.	4	1.6	89.7	39.	1	0.4	96.7
9.	5	2.1	4.5	18.	23	9.5	70.8	27.	5	2.1	91.8	40.	3	1.2	97.9
10.	13	5.3	9.9	19.	9	3.7	74.5	28.	3	1.2	93.0	42.	1	0.4	98.4
11.	12	4.9	14.8	20.	5	2.1	76.5	30.	2	0.8	93.8	45.	1	0.4	98.8
12.	16	6.6	21.4	21.	6	2.5	79.0	33.	2	0.8	94.7	49.	1	0.4	99.2
13.	20	8.2	29.6	22.	10	4.1	83.1	34.	1	0.4	95.1	77.	1	0.4	99.6
14.	17	7.0	36.6	23.	4	1.6	84.8	35.	1	0.4	95.5	156.	1	0.4	100.0

****
* LEAD *
****

VARIABLE NUMBER	3	MAXIMUM	52.0000000
NUMBER OF DISTINCT VALUES .	29	MINIMUM	9.0000000
NUMBER OF VALUES COUNTED. .	243	RANGE	43.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	50.0647156
		ST.DEV.	7.1319513
		(Q3-Q1)/2	4.0000000
		MX.ST.SC.	3.74
		MN.ST.SC.	-2.29

LOCATION ESTIMATES

		ST.ERROR
MEAN	25.3250885	0.4575149
MEDIAN	25.0000000	0.0
MODE	25.0000000	



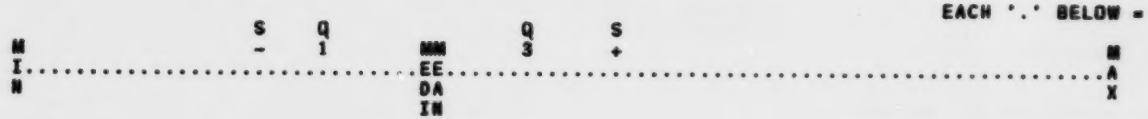
EACH '-' ABOVE = 2.0000
L= 8.0000
U= 54.0000

CASE NO. OF MIN. VAL. = 88
CASE NO. OF MAX. VAL. = 45

	VALUE	VALUE/S.E.
SKEWNESS	0.62	3.93
KURTOSIS	1.28	4.08

Q1= 21.0000000
Q3= 29.0000000
S-= 18.1931305
S+= 32.4570313

EACH '.' BELOW = 0.5000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
9.	1	0.4	0.4	21.	23	9.5	31.3	29.	7	2.9	76.5	38.	2	0.8	96.7
10.	4	1.6	2.1	22.	9	3.7	35.0	30.	3	1.2	77.8	39.	1	0.4	97.1
14.	12	4.9	7.0	23.	1	0.4	35.4	31.	23	9.5	87.2	42.	4	1.6	98.8
15.	3	1.2	8.2	24.	19	7.8	43.2	33.	2	0.8	88.1	50.	1	0.4	99.2
17.	3	1.2	9.5	25.	34	14.0	57.2	34.	4	1.6	89.7	52.	2	0.8	100.0
18.	19	7.8	17.3	26.	15	6.2	63.4	35.	3	1.2	90.9				
19.	10	4.1	21.4	27.	3	1.2	64.6	36.	2	0.8	91.8				
20.	1	0.4	21.8	28.	22	9.1	73.7	37.	10	4.1	95.9				

****
* ZINC *
****

VARIABLE NUMBER	4
NUMBER OF DISTINCT VALUES .	62
NUMBER OF VALUES COUNTED. .	243
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	138.0000000
MINIMUM	21.0000000
RANGE	117.0000000
VARIANCE	251.5449982
ST.DEV.	15.8601704
(Q3-Q1)/2	8.0000000
MX.ST.SC.	4.36
MN.ST.SC.	-3.02

LOCATION ESTIMATES

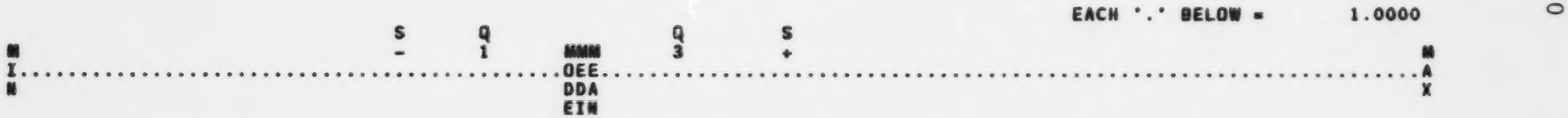
		ST.ERROR
MEAN	68.9094543	1.0174303
MEDIAN	68.0000000	0.8660258
MODE	67.0000000	

EACH '-' ABOVE = 7.5000
L= 0.0
U= 172.4999
CASE NO. OF MIN. VAL. = 174
CASE NO. OF MAX. VAL. = 16

	VALUE	VALUE/S.E.
SKEWNESS	0.49	3.09
KURTOSIS	1.86	5.92

Q1= 60.0000000
Q3= 76.0000000
S-= 53.0492706
S+= 84.7696228

EACH '.' BELOW = 1.0000



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
21.	1	0.4	0.4	53.	3	1.2	14.8	70.	9	3.7	58.8	88.	3	1.2	89.3
33.	3	1.2	1.6	54.	2	0.8	15.6	71.	4	1.6	60.5	89.	3	1.2	90.5
34.	1	0.4	2.1	55.	5	2.1	17.7	72.	6	2.5	63.0	91.	3	1.2	91.8
38.	2	0.8	2.9	57.	4	1.6	19.3	73.	11	4.5	67.5	92.	2	0.8	92.6
39.	1	0.4	3.3	58.	3	1.2	20.6	74.	8	3.3	70.8	94.	5	2.1	94.7
42.	3	1.2	4.5	59.	8	3.3	23.9	75.	6	2.5	73.3	95.	3	1.2	95.9
43.	1	0.4	4.9	60.	3	1.2	25.1	76.	5	2.1	75.3	98.	1	0.4	96.3
44.	1	0.4	5.3	61.	8	3.3	28.4	77.	4	1.6	77.0	99.	1	0.4	96.7
45.	3	1.2	6.6	62.	3	1.2	29.6	78.	7	2.9	79.8	101.	1	0.4	97.1
46.	2	0.8	7.4	63.	5	2.1	31.7	79.	1	0.4	80.2	103.	2	0.8	97.9
47.	2	0.8	8.2	64.	8	3.3	35.0	80.	6	2.5	82.7	107.	2	0.8	98.8
48.	1	0.4	8.6	65.	5	2.1	37.0	81.	3	1.2	84.0	112.	1	0.4	99.2
49.	5	2.1	10.7	66.	11	4.5	41.6	82.	1	0.4	84.4	127.	1	0.4	99.6
50.	3	1.2	11.9	67.	15	6.2	47.7	83.	2	0.8	85.2	138.	1	0.4	100.0
51.	3	1.2	13.2	68.	6	2.5	50.2	84.	5	2.1	87.2				
52.	1	0.4	13.6	69.	12	4.9	55.1	86.	2	0.8	88.1				

****
* MANGANES *
****

VARIABLE NUMBER	5	MAXIMUM	6900.0000000
NUMBER OF DISTINCT VALUES .	94	MINIMUM	40.0000000
NUMBER OF VALUES COUNTED. .	242	RANGE	6860.0000000
NUMBER OF VALUES NOT COUNTED	1	VARIANCE	564529.8750000
		ST.DEV.	751.3520508
		(Q3-Q1)/2	215.0000000
		MX.ST.SC.	8.27
		MN.ST.SC.	-0.86

LOCATION ESTIMATES

		ST.ERROR
MEAN	699.2148438	48.2987366
MEDIAN	485.0000000	23.0940094
MODE	NOT UNIQUE	

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                                                    H
                                                    H
                                                    H
                                                    H                    EACH 'H'
                                                   HH                   REPRESENTS
                                                   HHH                      10
                                                   HHH                   COUNT(S)
                                                   HHH
                                                   HHHH
                                                   HHHHHHHHHHHH   H       H
                                                  L-----------------------U
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EACH '-' ABOVE = 300.0000
L= 0.0
U= 6900.0000
CASE NO. OF MIN. VAL. = 220
CASE NO. OF MAX. VAL. = 16

	VALUE	VALUE/S.E.
SKEWNESS	3.81	24.22
KURTOSIS	21.73	69.01

Q1= 320.0000000
Q3= 750.0000000
S-= -62.1372070
S+= 1440.5668945

EACH '.' BELOW = 75.0000

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S   Q    Q      S
-M  1 M  M3     +
.I....E..E.....................................................................M
 N     D  A                                                                   A
       I  N                                                                   X
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VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
40.	1	0.4	0.4	340.	4	1.7	30.6	600.	1	0.4	64.0	980.	1	0.4	83.1
50.	1	0.4	0.8	350.	6	2.5	33.1	620.	3	1.2	65.3	1000.	5	2.1	85.1
60.	6	2.5	3.3	360.	4	1.7	34.7	630.	3	1.2	66.5	1100.	5	2.1	87.2
90.	1	0.4	3.7	370.	2	0.8	35.5	640.	4	1.7	68.2	1200.	3	1.2	88.4
100.	4	1.7	5.4	380.	5	2.1	37.6	660.	2	0.8	69.0	1300.	3	1.2	89.7
110.	1	0.4	5.8	390.	2	0.8	38.4	670.	3	1.2	70.2	1500.	1	0.4	90.1
120.	5	2.1	7.9	400.	6	2.5	40.9	680.	1	0.4	70.7	1600.	5	2.1	92.1
130.	4	1.7	9.5	410.	3	1.2	42.1	700.	2	0.8	71.5	1700.	3	1.2	93.4
140.	2	0.8	10.3	420.	3	1.2	43.4	710.	1	0.4	71.9	1800.	1	0.4	93.8
150.	2	0.8	11.2	430.	2	0.8	44.2	720.	3	1.2	73.1	1900.	1	0.4	94.2
170.	5	2.1	13.2	440.	1	0.4	44.6	730.	2	0.8	74.0	2000.	1	0.4	94.6
200.	2	0.8	14.0	450.	1	0.4	45.0	740.	1	0.4	74.4	2100.	1	0.4	95.0
220.	1	0.4	14.5	460.	5	2.1	47.1	750.	3	1.2	75.6	2300.	1	0.4	95.5
230.	2	0.8	15.3	470.	3	1.2	48.3	770.	1	0.4	76.0	2400.	1	0.4	95.9
240.	2	0.8	16.1	480.	4	1.7	50.0	810.	5	2.1	78.1	2500.	1	0.4	96.3
250.	4	1.7	17.8	490.	4	1.7	51.7	830.	1	0.4	78.5	2600.	2	0.8	97.1
260.	1	0.4	18.2	500.	2	0.8	52.5	840.	1	0.4	78.9	2700.	1	0.4	97.5
270.	1	0.4	18.6	510.	6	2.5	55.0	850.	2	0.8	79.8	3000.	2	0.8	98.3
280.	1	0.4	19.0	520.	2	0.8	55.8	860.	1	0.4	80.2	3100.	1	0.4	98.8
290.	9	3.7	22.7	530.	5	2.1	57.9	880.	1	0.4	80.6	3300.	1	0.4	99.2
300.	2	0.8	23.6	540.	5	2.1	59.9	890.	1	0.4	81.0	4400.	1	0.4	99.6
310.	1	0.4	24.0	550.	4	1.7	61.6	900.	2	0.8	81.8	6900.	1	0.4	100.0
320.	3	1.2	25.2	560.	3	1.2	62.8	940.	1	0.4	82.2				

330.	9	3.7	28.9		580.	2	0.8	63.6		950.	1	0.4	82.6		

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*************
* IRONPCNT *
*************
```

VARIABLE NUMBER	6
NUMBER OF DISTINCT VALUES .	151
NUMBER OF VALUES COUNTED. .	243
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	3.4799995
MINIMUM	0.0500000
RANGE	3.4299994
VARIANCE	0.4986148
ST.DEV.	0.7061267
(Q3-Q1)/2	0.4899998
MX.ST.SC.	1.86
MN.ST.SC.	-3.00

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.1584504	0.0452980
MEDIAN	2.3399992	0.0635083
MODE	NOT UNIQUE	

```
                  H
                  H H      EACH 'H'
                  HHH     REPRESENTS
            H   HHHH          4
            HHHHHHHH       COUNT(S)
          HHHHHHHHHHH H
     H  HHHHHHHHHHHHH H
 HHHHHHHHHHHHHHHHHHHHHHHH
 L----------------------U
```

EACH '-' ABOVE =	0.1500
L=	0.0
U=	3.4500
CASE NO. OF MIN. VAL. =	60
CASE NO. OF MAX. VAL. =	21

	VALUE	VALUE/S.E.		
			Q1=	1.6899996
			Q3=	2.6699991
SKEWNESS	-0.64	-4.04	S-=	1.4623232
KURTOSIS	0.03	0.11	S+=	2.8745766

EACH '.' BELOW = 0.0300

```
                               S       Q                     Q     S
M                              -       1           M    M    3     +                     M
I..............................................................E.....E.................................A
N                                                  A    D                                X
                                                   N    I
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.05000	1	0.4	0.4	1.66000	4	1.6	23.5	2.25000	2	0.8	47.3	2.72000	2	0.8	77.4
0.18000	1	0.4	0.8	1.68000	2	0.8	24.3	2.28000	1	0.4	47.7	2.73000	2	0.8	78.2
0.21000	1	0.4	1.2	1.69000	2	0.8	25.1	2.30000	1	0.4	48.1	2.74000	4	1.6	79.8
0.41000	1	0.4	1.6	1.72000	1	0.4	25.5	2.31000	1	0.4	48.6	2.75000	3	1.2	81.1
0.50000	1	0.4	2.1	1.73000	1	0.4	25.9	2.32000	2	0.8	49.4	2.76000	1	0.4	81.5
0.55000	1	0.4	2.5	1.74000	1	0.4	26.3	2.33000	1	0.4	49.8	2.77000	1	0.4	81.9
0.58000	1	0.4	2.9	1.77000	1	0.4	26.7	2.34000	2	0.8	50.6	2.78000	3	1.2	83.1
0.61000	1	0.4	3.3	1.78000	2	0.8	27.6	2.35000	1	0.4	51.0	2.79000	3	1.2	84.4
0.65000	1	0.4	3.7	1.79000	2	0.8	28.4	2.37000	2	0.8	51.9	2.80000	1	0.4	84.8
0.70000	1	0.4	4.1	1.80000	2	0.8	29.2	2.38000	3	1.2	53.1	2.81000	3	1.2	86.0
0.71000	1	0.4	4.5	1.81000	1	0.4	29.6	2.39000	2	0.8	53.9	2.82000	2	0.8	86.8
0.73000	1	0.4	4.9	1.82000	1	0.4	30.0	2.40000	2	0.8	54.7	2.84000	1	0.4	87.2
0.75000	1	0.4	5.3	1.83000	1	0.4	30.5	2.41000	1	0.4	55.1	2.87000	1	0.4	87.7
0.78000	2	0.8	6.2	1.84000	1	0.4	30.9	2.42000	3	1.2	56.4	2.89000	1	0.4	88.1
0.89000	2	0.8	7.0	1.86000	1	0.4	31.3	2.43000	3	1.2	57.6	2.90000	1	0.4	88.5
0.91000	1	0.4	7.4	1.87000	1	0.4	31.7	2.44000	3	1.2	58.8	2.94000	2	0.8	89.3
1.02000	1	0.4	7.8	1.88000	3	1.2	32.9	2.45000	2	0.8	59.7	2.95000	2	0.8	90.1
1.06000	1	0.4	8.2	1.92000	1	0.4	33.3	2.46000	4	1.6	61.3	2.97000	1	0.4	90.5
1.07000	1	0.4	8.6	1.93000	2	0.8	34.2	2.47000	1	0.4	61.7	2.99000	1	0.4	90.9
1.12000	2	0.8	9.5	1.95000	1	0.4	34.6	2.48000	3	1.2	63.0	3.00000	2	0.8	91.8
1.20000	3	1.2	10.7	1.96000	2	0.8	35.4	2.49000	2	0.8	63.8	3.01000	2	0.8	92.6
1.22000	2	0.8	11.5	1.98000	1	0.4	35.8	2.50000	1	0.4	64.2	3.05000	1	0.4	93.0
1.24000	1	0.4	11.9	1.99000	2	0.8	36.6	2.51000	2	0.8	65.0	3.06000	1	0.4	93.4

1.33000	3	1.2	13.2	2.01000	3	1.2	37.9	2.52000	1	0.4	65.4	3.07000	1	0.4	93.8
1.34000	1	0.4	13.6	2.03000	1	0.4	38.3	2.53000	2	0.8	66.3	3.11000	2	0.8	94.7
1.36000	3	1.2	14.8	2.04000	1	0.4	38.7	2.54000	2	0.8	67.1	3.19000	1	0.4	95.1
1.43000	1	0.4	15.2	2.05000	1	0.4	39.1	2.55000	3	1.2	68.3	3.20000	1	0.4	95.5
1.46000	1	0.4	15.6	2.07000	1	0.4	39.5	2.57000	2	0.8	69.1	3.25000	1	0.4	95.9
1.50000	1	0.4	16.0	2.08000	1	0.4	39.9	2.59000	1	0.4	69.5	3.34000	2	0.8	96.7
1.51000	2	0.8	16.9	2.11000	2	0.8	40.7	2.60000	2	0.8	70.4	3.36000	1	0.4	97.1
1.55000	1	0.4	17.3	2.14000	2	0.8	41.6	2.61000	3	1.2	71.6	3.37000	1	0.4	97.5
1.57000	1	0.4	17.7	2.15000	1	0.4	42.0	2.63000	1	0.4	72.0	3.38000	1	0.4	97.9
1.58000	1	0.4	18.1	2.16000	1	0.4	42.4	2.64000	3	1.2	73.3	3.39000	1	0.4	98.4
1.60000	1	0.4	18.5	2.17000	3	1.2	43.6	2.65000	1	0.4	73.7	3.40000	1	0.4	98.8
1.61000	2	0.8	19.3	2.19000	1	0.4	44.0	2.66000	3	1.2	74.9	3.43000	1	0.4	99.2
1.63000	1	0.4	19.8	2.20000	3	1.2	45.3	2.67000	1	0.4	75.3	3.46000	1	0.4	99.6
1.64000	1	0.4	20.2	2.21000	2	0.8	46.1	2.69000	1	0.4	75.7	3.48000	1	0.4	100.0
1.65000	4	1.6	21.8	2.23000	1	0.4	46.5	2.70000	2	0.8	76.5				

```
*************
* COBALT    *
*************

VARIABLE NUMBER . . . . . .        7
NUMBER OF DISTINCT VALUES .       26
NUMBER OF VALUES COUNTED. .      243
NUMBER OF VALUES NOT COUNTED       0

MAXIMUM        53.0000000
MINIMUM         4.0000000
RANGE          49.0000000
VARIANCE       33.7440033
ST.DEV.         5.8089600
(Q3-Q1)/2       3.5000000
MX.ST.SC.       6.36
MN.ST.SC.      -2.08

LOCATION ESTIMATES                         ST.ERROR
               MEAN        16.0617218      0.3726449
               MEDIAN      16.0000000      0.2886752
               MODE        16.0000000

          HH
          HHH
          HHH
        H HHH                     EACH 'H'
        HHHHH                    REPRESENTS
        HHHHH                         5
        HHHHH                     COUNT(S)
        HHHHHHH
        HHHHHHH
      HHHHHHHHHH  H    H H H
    L----------------------U

      EACH '-' ABOVE =       2.5000
                    L=       0.0
                    U=      57.5000
CASE NO. OF MIN. VAL. =  159
CASE NO. OF MAX. VAL. =  158

                                                   Q1=   12.0000000
                         VALUE    VALUE/S.E.       Q3=   19.0000000
SKEWNESS                  2.16         13.77       S-=   10.2527618
KURTOSIS                 10.59         33.70       S+=   21.8706818

                      EACH '.' BELOW =       0.5000

            S Q        MM      Q    S
M           - 1        EE      3    +                                   M
I......................DA...................................................A
N                      IN                                               X
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
4.	1	0.4	0.4	12.	18	7.4	26.3	19.	15	6.2	80.2	27.	1	0.4	98.4
5.	1	0.4	0.8	13.	14	5.8	32.1	20.	10	4.1	84.4	33.	1	0.4	98.8
7.	2	0.8	1.6	14.	16	6.6	38.7	21.	13	5.3	89.7	43.	1	0.4	99.2
8.	9	3.7	5.3	15.	20	8.2	46.9	22.	2	0.8	90.5	48.	1	0.4	99.6
9.	6	2.5	7.8	16.	27	11.1	58.0	23.	8	3.3	93.8	53.	1	0.4	100.0
10.	18	7.4	15.2	17.	19	7.8	65.8	24.	6	2.5	96.3				
11.	9	3.7	18.9	18.	20	8.2	74.1	26.	4	1.6	97.9				

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*************
* NICKEL    *
*************

VARIABLE NUMBER . . . . . .        8      MAXIMUM       365.0000000
NUMBER OF DISTINCT VALUES .       99      MINIMUM         8.0000000
NUMBER OF VALUES COUNTED. .      242      RANGE         357.0000000
NUMBER OF VALUES NOT COUNTED       1      VARIANCE     1685.1977539
                                          ST.DEV.        41.0511627
                                          (Q3-Q1)/2      20.5000000
                                          MX.ST.SC.       7.14
                                          MN.ST.SC.      -1.55

LOCATION ESTIMATES                                ST.ERROR
              MEAN              71.6942139       2.6388683
              MEDIAN            70.0000000       2.3094015
              MODE              41.0000000
```

```
  H
  H
 HHH
 HHH                                  EACH 'H'
HHHH                                 REPRESENTS
HHHH                                      7
HHHH                                  COUNT(S)
HHHH
HHHHH
HHHHHHHHH HH  H    H
L-----------------------U

EACH '-' ABOVE =       20.0000
             L=         0.0
             U=       460.0000
CASE NO. OF MIN. VAL. =  159
CASE NO. OF MAX. VAL. =  108
```

```
                                                          Q1=    44.0000000
                             VALUE    VALUE/S.E.          Q3=    85.0000000
SKEWNESS                      2.80        17.76           S-=    30.6430511
KURTOSIS                     13.53        42.97           S+=   112.7453766

                    EACH '.' BELOW =      3.0000
```

```
        S  Q          Q     S
M       - M1     M    3     +                                                              M
I.........O......E.........................................................................A
N         D      A                                                                         X
          E      N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
8.	1	0.4	0.4	46.	3	1.2	26.9	73.	6	2.5	57.9	99.	2	0.8	88.0
11.	1	0.4	0.8	48.	5	2.1	28.9	74.	1	0.4	58.3	100.	2	0.8	88.8
14.	1	0.4	1.2	49.	3	1.2	30.2	75.	4	1.7	59.9	101.	2	0.8	89.7
18.	1	0.4	1.7	50.	2	0.8	31.0	76.	5	2.1	62.0	106.	1	0.4	90.1
21.	2	0.8	2.5	51.	1	0.4	31.4	77.	2	0.8	62.8	109.	1	0.4	90.5
23.	1	0.4	2.9	52.	3	1.2	32.6	78.	3	1.2	64.0	110.	1	0.4	90.9
24.	2	0.8	3.7	53.	2	0.8	33.5	79.	3	1.2	65.3	111.	1	0.4	91.3
26.	3	1.2	5.0	54.	3	1.2	34.7	80.	5	2.1	67.4	112.	3	1.2	92.6
27.	1	0.4	5.4	55.	2	0.8	35.5	81.	6	2.5	69.8	113.	1	0.4	93.0
28.	1	0.4	5.8	56.	2	0.8	36.4	82.	4	1.7	71.5	117.	2	0.8	93.8
30.	1	0.4	6.2	57.	3	1.2	37.6	83.	5	2.1	73.6	118.	1	0.4	94.2
31.	3	1.2	7.4	58.	4	1.7	39.3	84.	3	1.2	74.8	119.	1	0.4	94.6
32.	4	1.7	9.1	59.	2	0.8	40.1	85.	4	1.7	76.4	122.	1	0.4	95.0
34.	5	2.1	11.2	60.	2	0.8	40.9	86.	5	2.1	78.5	123.	1	0.4	95.5
35.	2	0.8	12.0	61.	2	0.8	41.7	87.	2	0.8	79.3	126.	1	0.4	95.9
36.	7	2.9	14.9	63.	2	0.8	42.6	88.	2	0.8	80.2	160.	1	0.4	96.3
37.	5	2.1	16.9	64.	3	1.2	43.8	89.	1	0.4	80.6	185.	2	0.8	97.1
38.	3	1.2	18.2	65.	4	1.7	45.5	90.	3	1.2	81.8	194.	1	0.4	97.5
39.	1	0.4	18.6	66.	2	0.8	46.3	91.	3	1.2	83.1	203.	1	0.4	97.9
40.	1	0.4	19.0	67.	2	0.8	47.1	92.	2	0.8	83.9	204.	1	0.4	98.3
41.	8	3.3	22.3	68.	2	0.8	47.9	93.	1	0.4	84.3	214.	1	0.4	98.8
42.	5	2.1	24.4	69.	2	0.8	48.8	94.	3	1.2	85.5	217.	1	0.4	99.2
43.	1	0.4	24.8	70.	5	2.1	50.8	96.	1	0.4	86.0	273.	1	0.4	99.6

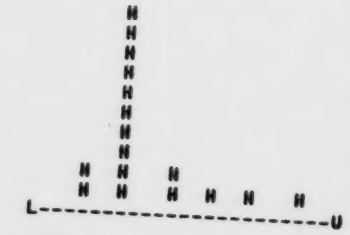
44.	1	0.4	25.2	71.	7	2.9	53.7	97.	2	0.8	86.8	365.	1	0.4	100.0
46.	1	0.4	25.6	72.	4	1.7	55.4	98.	1	0.4	87.2				

****
* SILVER *
****

VARIABLE NUMBER	9	MAXIMUM	3.0000000
NUMBER OF DISTINCT VALUES .	6	MINIMUM	0.5000000
NUMBER OF VALUES COUNTED. .	242	RANGE	2.5000000
NUMBER OF VALUES NOT COUNTED	1	VARIANCE	0.1277775
		ST.DEV.	0.3574898
		(Q3-Q1)/2	0.0
		MX.ST.SC.	5.47
		MN.ST.SC.	-1.52

LOCATION ESTIMATES

		ST.ERROR
MEAN	1.0433884	0.0229784
MEDIAN	1.0000000	0.0
MODE	1.0000000	



EACH '-' ABOVE = 0.1500
L= 0.0
U= 3.4500

CASE NO. OF MIN. VAL. = 137
CASE NO. OF MAX. VAL. = 140

	VALUE	VALUE/S.E.
SKEWNESS	1.77	11.26
KURTOSIS	6.76	21.47

Q1= 1.0000000
Q3= 1.0000000
S-= 0.6859285
S+= 1.4008474

EACH '.' BELOW = 0.0200

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.5000	32	13.2	13.2
1.0000	170	70.2	83.5
1.5000	33	13.6	97.1
2.0000	2	0.8	97.9
2.5000	4	1.7	99.6
3.0000	1	0.4	100.0

****
* MOLYBDEN *
****

VARIABLE NUMBER	10	MAXIMUM	2.0000000
NUMBER OF DISTINCT VALUES .	2	MINIMUM	0.0
NUMBER OF VALUES COUNTED. .	243	RANGE	2.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.0650274
		ST.DEV.	0.2550046
		(Q3-Q1)/2	0.0
		MX.ST.SC.	0.13
		MN.ST.SC.	-7.71

LOCATION ESTIMATES

		ST.ERROR
MEAN	1.9670773	0.0163586
MEDIAN	2.0000000	0.0
MODE	2.0000000	

EACH '-' ABOVE = 0.1000
L= 0.0
U= 2.3000

CASE NO. OF MIN. VAL. = 158
CASE NO. OF MAX. VAL. = 1

	VALUE	VALUE/S.E.
SKEWNESS	-7.55	-48.07
KURTOSIS	55.28	175.91

Q1= 2.0000000
Q3= 2.0000000
S-= 1.7120724
S+= 2.2220812

EACH '.' BELOW = 0.0200

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.	4	1.6	1.6	2.	239	98.4	100.0

279

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PAGE  11  BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES  INCLUDES ALL SAMPLES FOR MAP SHEET  7727 21 O/6G

  ************
  * URANIUM  *
  ************

VARIABLE NUMBER . . . . . .        11
NUMBER OF DISTINCT VALUES .        48
NUMBER OF VALUES COUNTED. .       149
NUMBER OF VALUES NOT COUNTED       94

                                MAXIMUM        67.7999878
                                MINIMUM         0.0
                                RANGE          67.7999878
                                VARIANCE       31.6059113
                                ST.DEV.         5.6219139
                                (Q3-Q1)/2       0.7500000
                                MX.ST.SC.      11.41
                                MN.ST.SC.      -0.65

                                                                                                  H
                                                                                                  H
                                                                                                  H
                                                                                                  H                                  EACH 'H'
                                                                                                  HH                               REPRESENTS
                                                                                                  HH                                     9
                                                                                                  HH                                COUNT(S)
                                                                                                  HH
                                                                                                  HH
                                                                                                  HHHHH                    H
                                                                                                 L-----------------------U

                                                                                                 EACH '-' ABOVE =        3.0000
                                                                                                              L=         0.0
                                                                                                              U=        69.0000
                                                                                            CASE NO. OF MIN. VAL. =  158
                                                                                            CASE NO. OF MAX. VAL. =  140

                                                                                                                  Q1=     2.1999998
                                                                                                VALUE   VALUE/S.E.    Q3=     3.6999998
                                                                                SKEWNESS        10.03        50.00    S-=    -1.9796543
                                                                                KURTOSIS       110.95       276.45    S+=     9.2641735

                                                                                                 EACH '.' BELOW =        0.7500

                S     Q Q      S
                -  M  MM3      +                                                                                          M
                ...I..EE.......................................................................................................A
                   N  DA                                                                                                   X
                      IN
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.0	5	3.4	3.4	2.600	8	5.4	51.7	3.900	1	0.7	79.2	5.900	2	1.3	92.6
1.400	1	0.7	4.0	2.700	4	2.7	54.4	4.100	3	2.0	81.2	6.500	1	0.7	93.3
1.600	2	1.3	5.4	2.800	3	2.0	56.4	4.200	2	1.3	82.6	6.800	1	0.7	94.0
1.700	5	3.4	8.7	2.900	6	4.0	60.4	4.300	2	1.3	83.9	7.100	1	0.7	94.6
1.800	3	2.0	10.7	3.100	1	0.7	61.1	4.700	1	0.7	84.6	7.200	1	0.7	95.3
1.900	8	5.4	16.1	3.200	8	5.4	66.4	4.800	1	0.7	85.2	7.900	1	0.7	96.0
2.000	6	4.0	20.1	3.300	3	2.0	68.5	4.900	2	1.3	86.6	8.700	1	0.7	96.6
2.100	5	3.4	23.5	3.400	4	2.7	71.1	5.100	1	0.7	87.2	9.000	1	0.7	97.3
2.200	5	3.4	26.8	3.500	1	0.7	71.8	5.200	3	2.0	89.3	9.100	1	0.7	98.0
2.300	7	4.7	31.5	3.600	1	0.7	72.5	5.300	1	0.7	89.9	9.800	1	0.7	98.7
2.400	12	8.1	39.6	3.700	5	3.4	75.8	5.500	1	0.7	90.6	13.900	1	0.7	99.3
2.500	10	6.7	46.3	3.800	4	2.7	78.5	5.600	1	0.7	91.3	67.800	1	0.7	100.0

****
* TUNGSTEN *
****

VARIABLE NUMBER		MAXIMUM	0.0
NUMBER OF DISTINCT VALUES	12	MINIMUM	0.0
NUMBER OF VALUES COUNTED	1	RANGE	0.0
NUMBER OF VALUES NOT COUNTED	35	VARIANCE	0.0
	208	ST.DEV.	0.0
		(Q3-Q1)/2	0.0
		MX.ST.SC.	0.0
		MN.ST.SC.	0.0

LOCATION ESTIMATES

MEAN	0.0	ST.ERROR 0.0
MEDIAN	0.0	0.0
MODE	0.0	

H
H
H
H
H
H
H
H
H
H
H
L----------U

EACH 'H' REPRESENTS 4 COUNT(S)

EACH '-' ABOVE = 0.0
L= 0.0
U= 0.0

CASE NO. OF MIN. VAL. = 140
CASE NO. OF MAX. VAL. = 140

VALUE	COUNT	PERCENTS CELL	CUM
0.	35	100.0	100.0

	VALUE	VALUE/S.E.
SKEWNESS	0.0	0.0
KURTOSIS	0.0	0.0

Q1= 0.0
Q3= 0.0
S-= 0.0
S+= 0.0

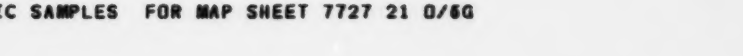
21 O/6G
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.84	0.0680	131.3
T (POOLED)	-1.84	0.0676	241
F(FOR VARIANCES)			
LEVENE	6.28	0.0129	1, 241

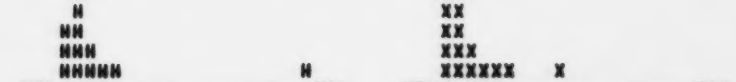
GROUP	1 INORGANI	2 ORGANIC
MEAN	17.3133	20.3941
STD DEV	11.9136	11.8496
S.E.M.	0.9084	1.4063
SAMPLE SIZE	172	71
MAXIMUM	156.0000	77.0000
MINIMUM	6.0000	8.0000



****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.21	0.2296	130.8
T (POOLED)	-1.21	0.2288	241
F(FOR VARIANCES)			
LEVENE	0.97	0.3255	1, 241

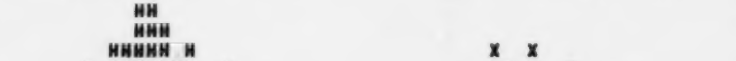
GROUP	1 INORGANI	2 ORGANIC
MEAN	24.9703	26.1828
STD DEV	7.1281	7.1180
S.E.M.	0.5435	0.8447
SAMPLE SIZE	172	71
MAXIMUM	52.0000	42.0000
MINIMUM	9.0000	15.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	4.83	0.0000	100.7
T (POOLED)	5.54	0.0000	241
F(FOR VARIANCES)			
LEVENE	11.69	0.0007	1, 241

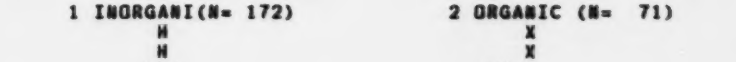
GROUP	1 INORGANI	2 ORGANIC
MEAN	72.3250	60.6335
STD DEV	13.2323	18.5404
S.E.M.	1.0090	2.2003
SAMPLE SIZE	172	71
MAXIMUM	138.0000	127.0000
MINIMUM	38.0000	21.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.93	0.3550	123.2
T (POOLED)	0.96	0.3405	240
F(FOR VARIANCES)			
LEVENE	3.55	0.0608	1, 240

GROUP	1 INORGANI	2 ORGANIC
MEAN	718.9360	617.6011
STD DEV	735.8740	788.1069
S.E.M.	56.2737	93.6311
SAMPLE SIZE	171	71
MAXIMUM	6900.0000	4400.0000
MINIMUM	50.0000	40.0000

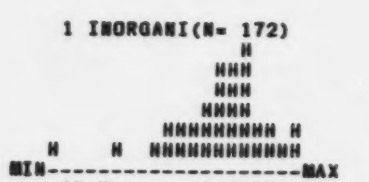


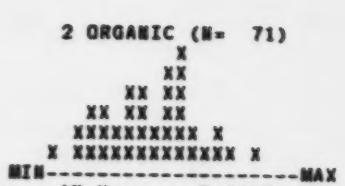
DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	12.61	0.0	112.5
T (POOLED)	13.58	0.0000	241
F(FOR VARIANCES) LEVENE	5.76	0.0172	1, 241

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.4665	1.4465
STD DEV	0.5023	0.6004
S.E.M.	0.0383	0.0713
SAMPLE SIZE	172	71
MAXIMUM	3.4800	2.9400
MINIMUM	0.0500	0.1800

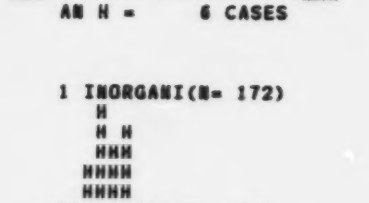


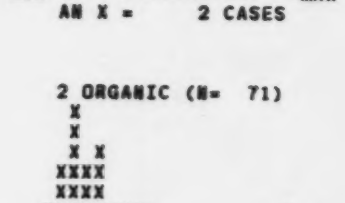


****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	5.31	0.0	106.4
T (POOLED)	5.89	0.0000	241
F(FOR VARIANCES) LEVENE	0.58	0.4472	1, 241

GROUP	1 INORGANI	2 ORGANIC
MEAN	17.3831	12.8591
STD DEV	4.9833	6.4260
S.E.M.	0.3800	0.7626
SAMPLE SIZE	172	71
MAXIMUM	48.0000	53.0000
MINIMUM	8.0000	4.0000

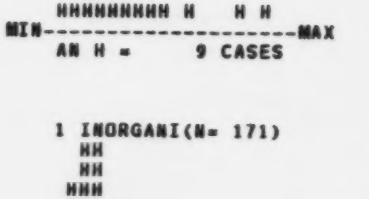


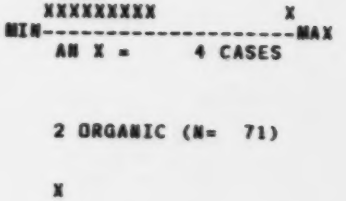


****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	5.65	0.0	148.1
T (POOLED)	5.35	0.0000	240
F(FOR VARIANCES) LEVENE	0.02	0.8949	1, 240

GROUP	1 INORGANI	2 ORGANIC
MEAN	80.3151	50.9294
STD DEV	40.2514	35.3306
S.E.M.	3.0701	4.1930
SAMPLE SIZE	171	71
MAXIMUM	365.0000	204.0000
MINIMUM	11.0000	8.0000

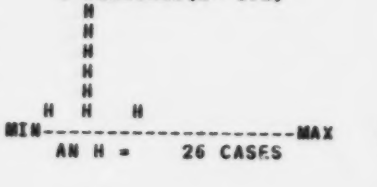


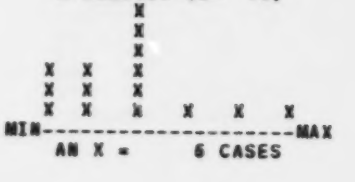


****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-4.75	0.0000	73.6
T (POOLED)	-6.92	0.0000	240
F(FOR VARIANCES) LEVENE	*****	0.0000	1, 240

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.9506	1.2714
STD DEV	0.1591	0.5562
S.E.M.	0.0121	0.0665
SAMPLE SIZE	172	70
MAXIMUM	1.5000	3.0000
MINIMUM	0.5000	0.5000



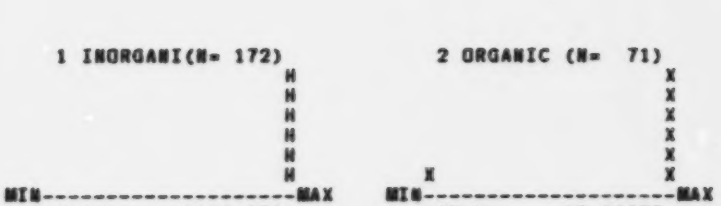


DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.04	0.0447	70.0
T (POOLED)	3.19	0.0016	241
F(FOR VARIANCES) LEVENE	46.08	0.0000	1, 241

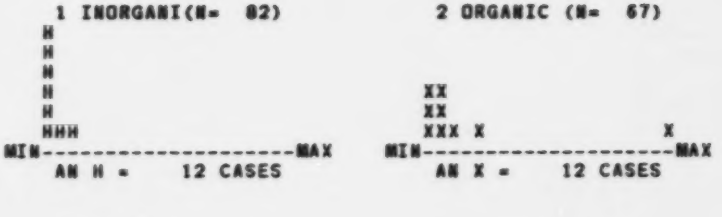
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0000	1.8873
STD DEV	0.0	0.4644
S.E.M.	0.0	0.0551
SAMPLE SIZE	172	71
MAXIMUM	2.0000	2.0000
MINIMUM	2.0000	0.0



****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.79	0.0784	68.5
T (POOLED)	-1.97	0.0509	147
F(FOR VARIANCES) LEVENE	6.77	0.0102	1, 147

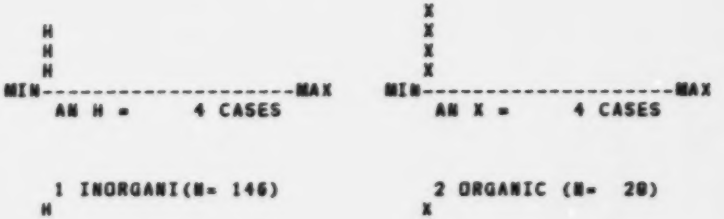
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.8305	4.6358
STD DEV	1.2411	8.1952
S.E.M.	0.1371	1.0012
SAMPLE SIZE	82	67
MAXIMUM	9.0000	67.8000
MINIMUM	1.4000	0.0



****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	33
F(FOR VARIANCES) LEVENE	0.0	1.0000	1, 33

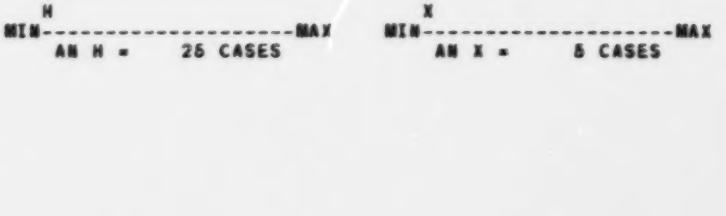
GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	12	23
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0



****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	172
F(FOR VARIANCES) LEVENE	0.0	1.0000	1, 172

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	146	28
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0



NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.735 SECONDS

21 O/6H
1. DATA LISTING
2. STATISTICS 1
3. STATISTICS 2

MAP SHEET 7728 21 O/6H

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7728001	47.3982	-67.1200	0	0	1	15.0	22.0	52.0	870.0	2.92	22.0	73.0	1.0	2.0			
82	7728002	47.3765	-67.1049	0	0	1	9.0	22.0	76.0	500.0	2.51	14.0	56.0	1.0	2.0			
82	7728003	47.3789	-67.1019	0	0	1	7.0	26.0	53.0	320.0	1.62	8.0	28.0	.5	2.0	2.8		
82	7728004	47.3820	-67.1003	0	0	1	8.0	26.0	81.0	620.0	2.87	15.0	52.0	1.0	2.0			
82	7728005	47.3853	-67.0999	0	0	1	8.0	26.0	78.0	430.0	2.43	15.0	51.0	1.0	2.0			
82	7728006	47.3884	-67.0993	0	0	1	8.0	26.0	50.0	200.0	1.50	8.0	24.0	1.0	2.0	2.8		
82	7728007	47.3917	-67.1013	0	0	1	7.0	22.0	56.0	380.0	2.09	12.0	24.0	1.0	2.0			
82	7728008	47.3940	-67.0996	0	0	1	12.0	26.0	46.0	560.0	2.03	11.0	38.0	1.0	2.0			
82	7728009	47.3838	-67.1091	0	0	1	16.0	43.0	67.0	1200.0	2.36	17.0	37.0	1.0	2.0	11.2		
82	7728010	47.3798	-67.1084	0	0	1	12.0	35.0	67.0	1000.0	2.05	12.0	31.0	1.0	2.0			
82	7728011	47.3768	-67.1070	0	0	1	11.0	35.0	70.0	640.0	2.36	14.0	38.0	1.0	2.0			
82	7728012	47.3778	-67.0320	0	0	1	12.0	30.0	80.0	1600.0	2.56	19.0	55.0	1.0	2.0	3.2	8.0	
82	7728013	47.3778	-67.0303	0	0	1	10.0	30.0	87.0	1100.0	2.51	19.0	52.0	1.0	2.0		8.0	
82	7728014	47.3799	-67.0278	0	0	1	10.0	30.0	83.0	1000.0	2.66	20.0	54.0	1.0	2.0		8.0	
82	7728015	47.3818	-67.0271	0	0	1	10.0	30.0	78.0	1600.0	2.59	20.0	51.0	1.0	2.0	2.5	8.0	
82	7728016	47.3815	-67.0242	0	0	1	11.0	30.0	98.0	1000.0	3.60	27.0	73.0	1.0	2.0		4.0	
82	7728017	47.3832	-67.0220	0	0	1	12.0	26.0	83.0	900.0	3.04	22.0	63.0	1.0	2.0		8.0	
82	7728018	47.3864	-67.0086	0	0	1	9.0	20.0	94.0	1300.0	2.69	21.0	57.0	1.0	2.0	2.7	8.0	
82	7728019	47.3883	-67.0055	0	0	1	10.0	23.0	96.0	1200.0	3.07	23.0	64.0	1.0	2.0		8.0	
82	7728020	47.3839	-67.0626	0	0	1	13.0	23.0	82.0	1100.0	2.66	18.0	53.0	1.0	2.0		8.0	
82	7728021	47.3850	-67.0645	0	0	1	13.0	26.0	96.0	1400.0	2.82	20.0	59.0	1.0	2.0		8.0	
82	7728022	47.3873	-67.0653	0	0	1	13.0	23.0	100.0	1100.0	2.50	22.0	62.0	1.0	2.0	2.2	8.0	
82	7728023	47.3903	-67.0655	0	0	1	13.0	26.0	103.0	1200.0	3.03	23.0	67.0	1.0	2.0		8.0	
82	7728024	47.3819	-67.0672	0	0	1	23.0	33.0	109.0	1300.0	2.42	16.0	63.0	1.0	2.0		8.0	
82	7728025	47.3834	-67.0686	0	0	1	12.0	23.0	89.0	440.0	2.70	21.0	61.0	1.0	2.0	2.5	4.0	
82	7728026	47.3834	-67.0722	0	0	1	13.0	23.0	78.0	1200.0	2.68	19.0	55.0	1.0	2.0		8.0	
82	7728027	47.3850	-67.0722	0	0	1	10.0	20.0	85.0	760.0	2.46	18.0	55.0	1.0	2.0		8.0	
82	7728028	47.3875	-67.0732	0	0	1	10.0	20.0	83.0	820.0	2.34	18.0	50.0	1.0	2.0	2.7	8.0	
82	7728029	47.3909	-67.0719	0	0	1	10.0	20.0	78.0	670.0	2.41	18.0	52.0	1.0	2.0		8.0	
82	7728030	47.3911	-67.0740	0	0	1	13.0	23.0	78.0	800.0	2.36	16.0	51.0	1.0	2.0	3.0	8.0	
82	7728031	47.3922	-67.0776	0	0	1	21.0	36.0	123.0	1800.0	3.31	23.0	75.0	1.0	2.0		4.0	
82	7728032	47.3909	-67.0841	0	0	1	16.0	29.0	116.0	1100.0	2.70	21.0	62.0	1.0	2.0		12.0	
82	7728033	47.3942	-67.0708	0	0	1	10.0	20.0	83.0	870.0	2.54	19.0	51.0	1.0	2.0	2.3	4.0	
82	7728034	47.3971	-67.0713	0	0	1	10.0	23.0	89.0	1000.0	2.55	19.0	52.0	1.0	2.0		4.0	
82	7728035	47.3772	-67.0775	0	0	1	17.0	29.0	120.0	1300.0	3.68	27.0	75.0	1.0	2.0		8.0	
82	7728036	47.3758	-67.0512	0	0	1	13.0	25.0	83.0	1000.0	2.73	22.0	63.0	1.0	2.0		12.0	
82	7728037	47.3774	-67.0501	0	0	1	15.0	25.0	91.0	710.0	3.55	25.0	71.0	1.0	2.0		12.0	
82	7728038	47.3797	-67.0489	0	0	1	12.0	22.0	93.0	1100.0	2.84	22.0	63.0	1.0	2.0	2.6	8.0	
82	7728039	47.3830	-67.0499	0	0	1	13.0	22.0	100.0	760.0	2.87	23.0	68.0	1.0	2.0		12.0	
82	7728040	47.3848	-67.0507	0	0	1	13.0	25.0	88.0	810.0	2.59	21.0	61.0	1.0	2.0		12.0	
82	7728041	47.3864	-67.0546	0	0	1	41.0	38.0	88.0	1900.0	3.27	22.0	83.0	1.5	2.0	7.0	8.0	
82	7728042	47.3870	-67.0515	0	0	1	12.0	22.0	95.0	720.0	2.77	22.0	66.0	1.0	2.0		12.0	
82	7728043	47.3892	-67.0520	0	0	1	11.0	22.0	74.0	540.0	2.44	18.0	18.0	1.0	2.0		12.0	
82	7728044	47.3925	-67.0513	0	0	1	15.0	25.0	95.0	870.0	3.18	23.0	23.0	1.0	2.0	3.2	12.0	
82	7728045	47.3938	-67.0536	0	0	1	16.0	25.0	97.0	740.0	3.18	23.0	23.0	1.0	2.0		16.0	
82	7728046	47.3957	-67.0546	0	0	1	15.0	25.0	92.0	600.0	2.96	21.0	21.0	1.0	2.0		20.0	
82	7728047	47.3918	-67.0499	0	0	1	11.0	22.0	104.0	870.0	3.07	23.0	23.0	1.0	2.0	2.8	8.0	
82	7728048	47.3945	-67.0450	0	0	1	11.0	23.0	104.0	930.0	2.72	23.0	23.0	1.0	2.0		20.0	
82	7728049	47.3974	-67.0403	0	0	1	11.0	23.0	100.0	1000.0	2.67	23.0	62.0	1.0	2.0		20.0	
82	7728050	47.3778	-67.0580	0	0	1	12.0	23.0	86.0	1100.0	2.63	21.0	61.0	1.0	2.0		16.0	

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MAP SHEET 7728 21 O/6H

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
82	7728051	47.3804	-67.0596	0	0	1	12.0	23.0	86.0	740.0	2.45	20.0	59.0	1.0	2.0		12.0	
81	7728052	47.4040	-67.1045	0	0	1	17.0	29.0	77.0	1700.0	2.44	15.0	31.0	1.0	2.0	2.5		
81	7728053	47.4043	-67.1105	0	0	2	17.0	24.0	93.0	1300.0	2.39	17.0	45.0	1.0	2.0	3.1		
81	7728054	47.4058	-67.1146	0	0	1	17.0	21.0	63.0	700.0	2.07	14.0	43.0	.5	2.0	2.8		
81	7728055	47.4067	-67.1147	0	0	1	17.0	24.0	75.0	350.0	2.73	17.0	61.0	1.0	2.0	2.6		
81	7728056	47.4067	-67.1180	0	0	1	18.0	24.0	75.0	620.0	2.66	18.0	67.0	1.0	2.0	2.6		
81	7728057	47.4141	-67.1099	0	0	1	15.0	21.0	68.0	170.0	1.73	13.0	48.0	.5	2.0	3.0		
81	7728058	47.4190	-67.1063	0	0	1	19.0	24.0	83.0	440.0	2.63	18.0	70.0	1.0	2.0	4.2		
81	7728059	47.4193	-67.1071	0	0	1	22.0	27.0	89.0	540.0	2.87	19.0	68.0	1.0	2.0	2.5		
81	7728060	47.4230	-67.1115	0	0	1	18.0	24.0	81.0	300.0	2.50	17.0	61.0	.5	2.0	3.2		
81	7728061	47.4250	-67.1172	0	0	1	18.0	24.0	81.0	570.0	2.64	18.0	63.0	1.0	2.0	3.1		
81	7728062	47.4237	-67.1022	0	0	2	21.0	27.0	68.0	190.0	1.96	13.0	50.0	.5	2.0	3.3		
81	7728063	47.4282	-67.1067	0	0	2	20.0	24.0	70.0	210.0	2.26	14.0	54.0	.5	2.0	3.1		
81	7728064	47.4288	-67.1060	0	0	2	21.0	27.0	53.0	160.0	2.19	12.0	43.0	.5	2.0	2.7		
81	7728065	47.4291	-67.1133	0	0	1	19.0	27.0	81.0	550.0	2.69	19.0	65.0	.2	2.0	2.3		
81	7728066	47.4302	-66.1131	0	0	1	19.0	24.0	76.0	540.0	2.68	19.0	64.0	.5	2.0	2.3		
81	7728067	47.4340	-67.1065	0	0	1	17.0	21.0	70.0	460.0	2.30	16.0	56.0	.5	2.0	2.5		
81	7728068	47.4160	-67.0905	0	0	1	19.0	35.0	57.0	1900.0	2.34	17.0	37.0	1.5	2.0	7.0		
81	7728069	47.4116	-67.0862	0	0	2	19.0	35.0	34.0	760.0	1.37	13.0	26.0	1.5	2.0	7.7		
81	7728070	47.4012	-67.0750	0	0	1	9.0	18.0	50.0	540.0	2.28	14.0	60.0	.5		3.1		
81	7718071	47.4032	-67.0660	0	0	1	17.0	27.0	64.0	990.0	2.73	17.0	60.0	.5	2.0	1.8		
81	7728072	47.4043	-67.0621	0	0	1	11.0	21.0	90.0	1000.0	2.18	21.0	44.0	1.0	2.0	8.5		
81	7728073	47.4033	-67.0620	0	0	1	17.0	27.0	66.0	1100.0	2.92	18.0	61.0	1.0	2.0	2.1		
81	7728074	47.4074	-67.0570	0	0	1	11.0	21.0	109.0	990.0	2.55	21.0	51.0	1.0	2.0	2.6		
81	7728075	47.4073	-67.0558	0	0	1	11.0	24.0	101.0	1800.0	2.26	18.0	49.0	1.0	2.0	2.3		
81	7628076	47.4152	-67.0543	0	0	1	10.0	18.0	97.0	600.0	2.00	17.0	42.0	1.0	2.0	2.7		
81	7728077	47.4184	-67.0622	0	0	2	11.0	29.0	67.0	1200.0	1.54	16.0	31.0	1.5	2.0	2.5		
81	7728078	47.4200	-67.0626	0	0	2	17.0	37.0	25.0	140.0	.70	9.0	23.0	1.5	2.0	3.5		
81	7727979	47.4216	-67.0587	0	0	2	12.0	29.0	63.0	1200.0	1.70	17.0	35.0	1.5	2.0	4.6		
80	7728080	47.4227	-67.0592	0	0	1	14.0	26.0	67.0	840.0	1.95	17.0	38.0	1.0	2.0	5.3		
81	7728081	47.4245	-67.0545	0	0	2	17.0	59.0	67.0	1300.0	1.54	15.0	38.0	1.5		4.3		
81	7728083	47.4244	-67.0535	0	0	1	9.0	18.0	74.0	710.0	2.07	15.0	39.0	1.0	2.0	2.5		
81	7728084	47.4225	-67.0515	0	0	1	11.0	21.0	72.0		2.00	16.0		.5	2.0	2.3		
81	7708085	47.4215	-67.0527	0	0	1	10.0	18.0	72.0	800.0	2.09	17.0	46.0	1.0	2.0	2.5		
81	7728086	47.4241	-67.0477	0	0	1	10.0	18.0	76.0	560.0	2.17	16.0	39.0	.5	2.0			
81	7728087	47.4230	-67.0473	0	0	1	11.0	18.0	72.0	440.0	2.23	18.0	42.0	1.0	2.0	2.7		
81	7728088	47.4272	-67.0421	0	0	1	11.0	21.0	70.0	1100.0	2.09	20.0	38.0	.5	2.0	3.0		
81	7728089	47.4279	-67.0430	0	0	1	11.0	18.0	81.0	760.0	2.33	18.0	45.0	.5	2.0	2.5		
81	7728090	47.4313	-67.0396	0	0	1	11.0	21.0	83.0	700.0	2.26	17.0	42.0	.5	2.0	2.2		
81	7728091	47.4336	-67.0365	0	0	1	19.0	21.0	85.0	770.0	2.05	30.0	59.0	1.0	2.0	2.5		
81	7728092	47.4332	-67.0331	0	0	1	12.0	18.0	56.0	60.0	1.48	11.0	31.0	.5	2.0	3.8		
81	7728093	47.4339	-67.0330	0	0	1	10.0	18.0	70.0	300.0	2.11	15.0	42.0	.5	2.0	2.8		
81	7728094	47.4356	-67.0318	0	0	2	15.0	18.0	54.0	390.0	1.69	11.0	29.0	.5	2.0	4.5		
81	7728095	47.4367	-67.0278	0	0	2	24.0	30.0	34.0	110.0	.87	37.0	38.0	2.0	2.0	6.6		
81	7728096	47.4403	-67.0241	0	0	1	8.0	12.0	45.0	440.0	1.71	11.0	8.0	.5	2.0	2.5		
81	7728097	47.4345	-67.0172	0	0	1	11.0	18.0	66.0	670.0	2.06	18.0	33.0	.5	2.0	2.6		
81	7728098	47.4312	-67.0232	0	0	1	12.0	18.0	74.0	770.0	2.38	17.0	39.0	.5		2.5		
81	7728099	47.4311	-67.0251	0	0	1	11.0	18.0	76.0	630.0	2.41	16.0	39.0	.5	2.0	2.6		
81	7728100	47.4290	-67.0283	0	0	1	10.0	15.0	70.0	1770.0	2.20	17.0	36.0	.5	2.0	2.5		
81	7728101	47.4283	-67.0296	0	0	1	9.0	18.0	99.0	1100.0	2.61	20.0	51.0	.5	2.0	3.0		

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MAP SHEET 7720 21 O/6N

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
81	7720102	47.4247	-67.0278	0	0	1	10.0	18.0	89.0	710.0	2.29	18.0	47.0	.5	2.0	2.7		
81	7720103	47.4146	-67.0444	0	0	1	12.0	21.0	74.0	240.0	2.26	16.0	60.0	1.0	2.0	3.0		
81	7720104	47.4138	-67.0445	0	0	1	12.0	24.0	54.0	3000.0	2.53	16.0	56.0	.5	2.0	3.6		
81	7720105	47.4108	-67.0445	0	0	1	8.0	12.0	58.0	410.0	1.94	12.0	53.0	.5	2.0	4.5		
81	7720106	47.4096	-67.0405	0	0	2	8.0	12.0	48.0	380.0	1.84	12.0	49.0	.5	2.0	4.7		
81	7720107	47.4106	-67.0355	0	0	2	9.0	15.0	72.0	320.0	2.06	13.0	55.0	1.0	2.0	4.8		
81	7720108	47.4133	-67.0347	0	0	2	8.0	15.0	58.0	630.0	1.89	12.0	47.0	.5	2.0	5.1		
81	7720109	47.4034	-67.0356	0	0	1	26.0	30.0	66.0	3900.0	3.46		91.0	1.0	2.0	2.5		
81	7720110	47.3999	-67.0360	0	0	1	26.0	30.0	62.0	3000.0	3.23		74.0	1.0	2.0	2.5		
81	7720111	47.4032	-67.0130	0	0	1	18.0	27.0	66.0	1000.0	2.70		71.0	.5	2.0	2.2		
81	7720112	47.4060	-67.0082	0	0	1	17.0	27.0	60.0	380.0	2.58	16.0	60.0	.5	2.0	1.6		
81	7720113	47.4052	-67.0018	0	0	1	12.0	24.0	58.0	1300.0	2.62	16.0	61.0	1.0	2.0	2.0		
81	7720114	47.4070	-67.0086	0	0	1	16.0	27.0	54.0	2600.0	2.71	17.0	58.0	.5	2.0	1.5		
81	7720115	47.4085	-67.0145	0	0	1	11.0	24.0	45.0	1700.0	2.22	14.0	49.0	1.0	2.0	4.2		
81	7720116	47.4117	-67.0183	0	0	1	9.0	15.0	45.0	1200.0	2.14	14.0	49.0	.5	2.0	4.2		
81	7720117	47.4161	-67.0188	0	0	1	10.0	15.0	64.0	270.0	2.38	14.0	56.0	.5	2.0	3.2		
81	7720118	47.4275	-67.0564	0	0	1	16.0	21.0	69.0	410.0	2.22	25.0	51.0	1.0	2.0	3.0		
81	7720119	47.4290	-67.0592	0	0	1	10.0	18.0	71.0	660.0	2.15	17.0	43.0	1.0	2.0	2.1		
81	7720120	47.4307	-67.0575	0	0	1	11.0	18.0	55.0	410.0	1.89	15.0	36.0	1.0	2.0	4.5		
81	7720121	47.4245	-67.0792	0	0	2	44.0	76.0	391.0	2800.0	1.57	16.0	26.0	2.0	2.0	6.6		
81	7720122	47.4279	-67.0817	0	0	1	13.0	21.0	61.0	350.0	1.63	13.0	34.0	.5	2.0	2.6		
81	7720123	47.4287	-67.0745	0	0	1	19.0	21.0	44.0	560.0	2.27	17.0	40.0	1.0	2.0	3.5		
81	7720124	47.4316	-67.0812	0	0	1	20.0	21.0	50.0	630.0	2.51	18.0	51.0	1.0	2.0	4.0		
81	7720125	47.4356	-67.0667	0	0	1	15.0	21.0	59.0	670.0	2.27	18.0	49.0	1.0	2.0	2.5		
81	7720126	47.4368	-67.0718	0	0	1	16.0	24.0	61.0	580.0	2.36	18.0	52.0	1.0	2.0	2.7		
81	7720127	47.4381	-67.0786	0	0	1	14.0	21.0	59.0	720.0	2.16	17.0	45.0	1.0	2.0	2.7		
81	7720128	47.4384	-67.0853	0	0	1	18.0	21.0	59.0	250.0	2.06	14.0	50.0	.5	2.0	2.5		
81	7720129	47.4413	-67.0896	0	0	2	7.0	12.0	52.0	50.0	2.14	6.0	12.0	.5	2.0	1.5		
81	7720130	47.4419	-67.0889	0	0	2	24.0	24.0	66.0	1200.0	.81	17.0	31.0	1.5	2.0	2.3		
81	7720131	47.4425	-67.0900	0	0	2	12.0	18.0	45.0	2000.0	.93	13.0	35.0	1.5	2.0	10.8		
81	7720132	47.4443	-67.0899	0	0	2	17.0	24.0	70.0	410.0	1.45	11.0	41.0	1.0	2.0	2.3		
81	7720133	47.4457	-67.0896	0	0	2	45.0	21.0	80.0	1400.0	2.00	16.0	60.0	1.5	2.0	3.7		
81	7720134	47.4475	-67.0896	0	0	2	22.0	42.0	70.0	1600.0	.87	13.0	36.0	1.5	2.0	11.6		
81	7720135	47.4483	-67.0885	0	0	2	14.0	18.0	62.0	230.0	1.70	11.0	52.0	1.0	2.0	2.7		
81	7720136	47.4490	-67.0946	0	0	2	36.0	21.0	70.0	5000.0	1.98	18.0	70.0	1.5	2.0	4.3		
81	7720137	47.4463	-67.0955	0	0	2	44.0	33.0	57.0	570.0	1.12	9.0	39.0	1.0	2.0	3.0		
81	7720138	47.4443	-67.0975	0	0	2	31.0	18.0	130.0	1700.0	1.71	13.0	54.0	1.5	2.0	2.2		
81	7720139	47.4407	-67.1218	0	0	2	21.0	24.0	41.0	370.0	.95	23.0	32.0	1.5	2.0	2.6		
81	7720140	47.4446	-67.1214	0	0	1	9.0	18.0	67.0	110.0	1.64	12.0	39.0	.5	2.0	2.5		
81	7720141	47.4490	-67.1195	0	0	2	17.0	15.0	65.0	90.0	1.50	10.0	41.0	.5	2.0	2.3		
81	7720142	47.4527	-67.1211	0	0	1	16.0	21.0	59.0	370.0	2.75	17.0	59.0	.5	2.0	2.5		
81	7720143	47.4530	-67.1225	0	0	2	13.0	21.0	61.0	270.0	1.81	10.0	40.0	.5	2.0	2.5		
81	7720144	47.4565	-67.1160	0	0	1	13.0	24.0	64.0	150.0	2.03	11.0	51.0	.5	2.0	2.2		
81	7720145	47.4602	-67.1126	0	0	1	19.0	21.0	55.0	190.0	2.65	15.0	49.0	.5	2.0	2.2		
81	7720146	47.4647	-67.1090	0	0	2	13.0	21.0	68.0	110.0	1.75	12.0	47.0	.5	2.0	2.3		
81	7720147	47.4686	-67.1047	0	0	2	13.0	24.0	70.0	540.0	1.96	14.0	46.0	1.0	2.0	1.6		
81	7720148	47.4726	-67.1009	0	0	1	11.0	21.0	68.0	130.0	2.20	13.0	56.0	.5	2.0	2.1		
81	7720149	47.4760	-67.1035	0	0	1	12.0	24.0	74.0	340.0	2.26	18.0	57.0	.5	2.0	1.7		
81	7720150	47.4476	-67.0003	0	0	0	8.0	12.0	32.0	340.0	.73	6.0	17.0	1.5				
81	7720151	47.4762	-67.1070	0	0	2	17.0	24.0	60.0		1.45	12.0	46.0	.5	2.0	2.1		

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MAP SHEET 7720 21 O/6H

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
81	7720152	47.4810	-67.1080	0	0	2	15.0	24.0	43.0	680.0	.86	12.0	31.0	1.5	2.0	3.6		
81	7720153	47.4861	-67.1087	0	0	2	20.0	24.0	56.0	430.0	.79	10.0	28.0	1.5	2.0	5.5		
81	7720154	47.4858	-67.1103	0	0	2	20.0	42.0	58.0	450.0	.68	14.0	31.0	2.5	2.0	4.6		
81	7720155	47.4765	-67.1124	0	0	1	19.0	21.0	73.0	550.0	2.83	18.0	89.0	1.0	2.0	2.5		
81	7720156	47.4772	-67.1135	0	0	1	14.0	24.0	84.0	380.0	2.47	16.0	72.0	.5	2.0	2.5		
81	7720157	47.4795	-67.1200	0	0	2	15.0	25.0	61.0	210.0	1.80	12.0	52.0		2.0	2.3		
81	7720158	47.4786	-67.1205	0	0	1	15.0	25.0	61.0	250.0	2.39	14.0	68.0	1.0	2.0	2.6		
81	7720159	47.4736	-67.1244	0	0	1	13.0	18.0	61.0	360.0	2.44	14.0	75.0	.5	2.0	2.3		
81	7720160	47.4945	-67.1233	0	0	1	13.0	25.0	68.0	240.0	2.43	14.0	56.0	.5	2.0	1.5		
81	7720161	47.4963	-67.1179	0	0	1	13.0	25.0	66.0	380.0	2.69	15.0	57.0	1.0	2.0	1.6		
81	7720162	47.4970	-67.1190	0	0	1	13.0	21.0	61.0	160.0	1.96	17.0	50.0	.5	2.0	1.7		
81	7720163	47.4792	-67.0977	0	0	1	18.0	24.0	65.0	400.0	2.36	16.0	73.0	.5	2.0	2.3		
81	7720164	47.4812	-67.0922	0	0	1	17.0	21.0	69.0	450.0	2.69	18.0	82.0	.5	2.0	2.3		
81	7720165	47.4822	-67.0912	0	0	2	14.0	18.0	50.0	350.0	1.81	12.0	51.0	.5	2.0	1.6		
81	7720166	47.4419	-67.0104	0	0	1	5.0	15.0	38.0	410.0	1.07	8.0	23.0	.5	2.0	2.1		
81	7720167	47.4784	-67.0904	0	0	1	16.0	21.0	66.0	420.0	2.42	15.0	70.0	.5	2.0	2.2		
81	7720168	47.4763	-67.0858	0	0	1	14.0	21.0	65.0	500.0	2.33	16.0	66.0	.5	2.0	2.1		
81	7720169	47.4755	-67.0859	0	0	1	17.0	24.0	73.0	670.0	2.73	19.0	77.0	.5	2.0	1.5		
81	7720170	47.4704	-67.0900	0	0	1	17.0	21.0	67.0	500.0	2.69	17.0	78.0	.5	2.0	2.2		
81	7720171	47.4665	-67.0868	0	0	1	16.0	24.0	65.0	560.0	2.59	17.0	79.0	.5	2.0	2.6		
81	7720172	47.4659	-67.0867	0	0	2	15.0	24.0	65.0	890.0	1.83	13.0	46.0	1.0	2.0	1.7		
81	7720173	47.4622	-67.0880	0	0	1	28.0	24.0	120.0	720.0	3.34	26.0	86.0	1.0	2.0	1.7		
81	7720174	47.4642	-67.0786	0	0	2	12.0	24.0	69.0	590.0	1.71	13.0	53.0	1.5	2.0	4.7		
81	7720175	47.4639	-67.0773	0	0	1	16.0	21.0	67.0	210.0	2.38	18.0	74.0	.5	2.0	2.0		
81	7720176	47.4672	-67.0744	0	0	1	17.0	24.0	67.0	220.0	2.50	15.0	71.0	.5	2.0	2.0		
81	7720177	47.4600	-67.0738	0	0	1	23.0	21.0	67.0	320.0	2.32	24.0	83.0	1.0	2.0	1.7		
81	7720178	47.4596	-67.0665	0	0	1	17.0	15.0	59.0	420.0	2.42	15.0	70.0	1.0	2.0	2.0		
81	7720179	47.4611	-67.0672	0	0	1	17.0	24.0	68.0	500.0	2.55	17.0	78.0	1.0	2.0	2.3		
81	7720180	47.4648	-67.0665	0	0	1	18.0	24.0	61.0	330.0	2.32	15.0	69.0	1.0	2.0	2.2		
81	7720181	47.4687	-67.0658	0	0	1	18.0	24.0	70.0	320.0	2.43	17.0	75.0	1.0	2.0	2.1		
81	7720182	47.4685	-67.0571	0	0	2	20.0	12.0	50.0	110.0	1.88	11.0	56.0	1.5	2.0	2.0		
81	7720183	47.4653	-67.0608	0	0	2	20.0	12.0	63.0	130.0	2.11	11.0	65.0	1.5	2.0	2.2		
81	7720184	47.4606	-67.0627	0	0	1	21.0	21.0	65.0	240.0	2.70	18.0	79.0	1.0	2.0	1.7		
81	7720185	47.4545	-67.0604	0	0	1	26.0	21.0	80.0	600.0	3.46	23.0	95.0	.5	2.0	2.3		
81	7720186	47.4523	-67.0675	0	0	2	11.0	21.0	59.0	140.0	1.65	12.0	57.0		2.0	4.5		
81	7720187	47.4758	-67.0843	0	0	1	17.0	21.0	73.0	620.0	2.72	19.0	78.0	.5	2.0	1.6		
81	7720188	47.4774	-67.0796	0	0	1	14.0	18.0	63.0	390.0	2.20	15.0	65.0	.5	2.0	2.0		
81	7720189	47.4786	-67.0806	0	0	1	12.0	18.0	63.0	270.0	2.14	16.0	63.0	.5	2.0	1.7		
81	7720190	47.4826	-67.0786	0	0	1	12.0	18.0	67.0	320.0	2.09	14.0	60.0	.5	2.0	1.5		
81	7720191	47.4895	-67.0764	0	0	1	22.0	29.0	69.0	1400.0	3.60	24.0		1.0	2.0	2.2		
81	7720192	47.4931	-67.0800	0	0	2	20.0	26.0	67.0	780.0	2.05	14.0	47.0	1.0	2.0	2.0		
81	7720193	47.4939	-67.0785	0	0	1	28.0	26.0	65.0	1700.0	2.80	19.0		1.0	2.0	2.3		
81	7720194	47.4970	-67.0843	0	0	1	21.0	24.0	79.0	910.0	2.46	15.0	55.0	1.0	2.0	2.7		
81	7720195	47.4932	-67.0707	0	0	1	11.0	18.0	41.0	480.0	2.75	17.0	36.0	1.0	2.0	2.5		
81	7720196	47.4964	-67.0674	0	0	1	9.0	23.0	34.0	770.0	2.46	14.0	29.0	.5	2.0	1.8		
81	7720197	47.4985	-67.0630	0	0	1	12.0	18.0	61.0	740.0	2.67	16.0	44.0	1.0	2.0	2.1		
81	7720198	47.4831	-67.0505	0	0	1	17.0	23.0	60.0	810.0	1.98	12.0	52.0	.5	2.0	1.8		
81	7720199	47.4823	-67.0503	0	0	1	21.0	20.0	75.0	300.0	2.38	14.0	64.0	.5	2.0	3.0		
81	7720200	47.4864	-67.0415	0	0	1	15.0	20.0	69.0	440.0	2.19	13.0	58.0	.5	2.0	2.5		
81	7720201	47.4852	-67.0420	0	0	1	15.0	23.0	69.0	300.0	2.20	13.0	56.0	.5	2.0	2.2		

* SAMPLE CLASS 1=INORGANIC 2= ORGANIC.
* MISSING VALUES INDICATE THAT SAMPLES WERE NOT ANALYSED FOR THAT ELEMENT.
* ALL ANALYSES ARE IN PPM EXCEPT FOR IRON WHICH IS IN PERCENT.

MAP SHEET 7728 21 O/6H

YR	STATION	LAT	LONG	RX TYPE	AGE	CLASS	CU	PB	ZN	MN	FE %	CO	NI	AG	MO	U	W	SB
81	7728202	47.4915	-67.0347	0	0	1	17.0	26.0	71.0	1000.0	2.53	16.0	58.0	.5	2.0	2.2		
81	7728203	47.4947	-67.0314	0	0	1	13.0	20.0	65.0	210.0	2.08	13.0	51.0	.5	2.0	2.3		
81	7728204	47.4976	-67.0335	0	0	1	16.0	23.0	71.0	300.0	2.08	13.0	56.0		2.0	2.0		
81	7728205	47.4955	-67.0300	0	0	1	10.0	18.0	60.0	150.0	1.75	12.0	45.0	.5	2.0	2.5		
81	7728206	47.4972	-67.0235	0	0	1	11.0	20.0	60.0	300.0	2.17	12.0	52.0	.5	2.0	2.6		
81	7728207	47.4972	-67.0169	0	0	1	12.0	21.0	109.0	5300.0	2.10	13.0	46.0	1.0	2.0	1.6		
81	7728208	47.4928	-67.0120	0	0	2	16.0	24.0	85.0	720.0	2.50	21.0	57.0	1.5	2.0	2.2		
81	7728209	47.4915	-67.0108	0	0	1	12.0	21.0	56.0	1000.0	1.93	13.0	38.0	1.0	2.0	2.2		
81	7728210	47.4903	-67.0132	0	0	2	23.0	22.0	59.0	1100.0	1.15	12.0	35.0	2.0	2.0	10.6		
81	7728211	47.4862	-67.0109	0	0	1	12.0	18.0	65.0	780.0	2.00	17.0	39.0	.5	2.0	2.1		
81	7728212	47.4832	-67.0115	0	0	1	10.0	18.0	77.0	5200.0	1.89	12.0	34.0	.5	2.0	2.2		
81	7728213	47.4799	-67.0138	0	0	1	11.0	21.0	73.0	1300.0	1.90	13.0	41.0	1.0	2.0	2.2		
81	7728214	47.4794	-67.0148	0	0	1	19.0	21.0	75.0	180.0	2.95	17.0	47.0	1.0	2.0	2.8		
81	7728215	47.4842	-67.0155	0	0	1	15.0	21.0	71.0	460.0	2.04	12.0	41.0	1.0	2.0	4.2		
81	7728216	47.4828	-67.0214	0	0	2	33.0	37.0	34.0	1200.0	3.42	20.0	40.0	2.0	2.0	17.5		
81	7728217	47.4836	-67.0215	0	0	1	10.0	21.0	75.0	1000.0	3.91	13.0	33.0	1.0	2.0	2.5		
81	7728218	47.4850	-67.0280	0	0	1	14.0	21.0	99.0	860.0	2.52	19.0	58.0	1.0	2.0	2.3		
81	7728219	47.4667	-67.0228	0	0	2	23.0	35.0	55.0	900.0	2.00	18.0	38.0	1.5	2.0	6.3		
81	7728220	47.4690	-67.0340	0	0	1	16.0	27.0	76.0	3900.0	2.75	17.0	50.0	.5	2.0	2.0		
81	7728221	47.4692	-67.0329	0	0	1	17.0	27.0	89.0	7100.0	3.42	20.0	64.0	.5	2.0	4.3		
81	7728222	47.4733	-67.0374	0	0	2	22.0	28.0	25.0	360.0	1.91	9.0	62.0	2.0	2.0	2.5		
81	7728203	47.4728	-67.0390	0	0	2	23.0	30.0	81.0	4400.0	3.30	18.0	54.0	1.5	2.0	8.7		
81	7728224	47.4738	-67.0444	0	0	1	24.0	27.0	89.0	1600.0	2.52	25.0	57.0	1.0	2.0	2.3		
81	7728225	47.4762	-67.0402	0	0	1	20.0	27.0	87.0	6000.0	2.95	14.0	47.0	.5	2.0	3.2		
81	7728226	47.4567	-67.0449	0	0	1	31.0	26.0	67.0	1100.0	2.97	19.0	53.0	1.0	2.0	9.3		
81	7728227	47.4539	-67.0415	0	0	2	27.0	29.0	63.0	1200.0	1.67	14.0	31.0	1.5	2.0	7.2		
81	7728228	47.4680	-67.0015	0	0	1	33.0	35.0	118.0	1700.0	3.07	23.0	64.0	1.0	2.0	4.2		
81	7728229	47.4664	-67.0075	0	0	2	47.0	47.0	107.0	1300.0	3.03	23.0	64.0	1.5	2.0	7.2		
81	7728230	47.4627	-67.0038	0	0	1	9.0	15.0	64.0	280.0	1.93	14.0	43.0	1.0	2.0	2.5		
81	7728231	47.4630	-67.0052	0	0	2	26.0	29.0	91.0	2000.0	2.23	17.0	41.0	2.0	2.0	15.0		
81	7728232	47.4597	-67.0105	0	0	1	12.0	18.0	52.0	480.0	1.83	19.0	38.0	1.0	2.0	2.0		
81	7728233	47.4603	-67.0112	0	0	2	9.0	24.0	54.0	560.0	1.42	13.0	29.0	1.5	2.0	1.8		
81	7728234	47.4585	-67.0148	0	0	2	11.0	24.0	41.0	660.0	1.00	30.0	28.0	1.5	2.0	1.7		
81	7728235	47.4565	-67.0087	0	0	2	12.0	12.0	37.0	440.0	1.01	10.0	25.0	1.5	2.0	2.6		
81	7728236	47.4540	-67.0169	0	0	2	10.0	12.0	35.0	110.0	.53	7.0	13.0	1.5	2.0	1.5		
81	7728237	47.4535	-67.0189	0	0	1	9.0	18.0	45.0	770.0	1.50	15.0	31.0	1.0	2.0	2.0		
81	7728238	47.4544	-67.0190	0	0	2	14.0	18.0	54.0	170.0	.92	8.0	23.0	1.5	2.0	2.7		
81	7728239	47.4497	-67.0230	0	0	1	9.0	15.0	39.0	440.0	1.50	11.0	30.0	1.0	2.0	2.1		
81	7728240	47.4535	-67.0061	0	0	2	11.0	29.0	40.0	750.0	.82	9.0	19.0	1.5	2.0	1.8		
81	7728241	47.4498	-67.0047	0	0	2	8.0	24.0	32.0	890.0	.71	8.0	15.0	1.5	2.0	1.8		
81	7728242	47.4497	-67.0066	0	0	1	7.0	15.0	46.0	400.0	1.39	10.0	31.0	1.0	2.0	2.0		
81	7728243	47.4459	-67.0143	0	0	2	8.0	18.0	36.0	380.0	1.03	7.0	20.0	1.5	2.0	1.7		
81	7728244	47.4452	-67.0121	0	0	2	8.0	18.0	44.0	800.0	1.15	10.0	20.0	1.5	2.0	2.0		
81	7728244	47.4452	-67.0121	0	0	2	8.0	18.0	44.0	800.0	1.15	10.0	20.0	1.5	2.0	2.0		

21 O/6H

1. STATISTICS 1

PAGE 2 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7728 21 0/6H

```
*************
* COPPER    *                      MAXIMUM       47.0000000
*************                      MINIMUM        5.0000000
                                   RANGE         42.0000000
VARIABLE NUMBER . . . . . . .   2  VARIANCE      45.6141815
NUMBER OF DISTINCT VALUES .    29  ST.DEV.        6.7538280
NUMBER OF VALUES COUNTED. .   243  (Q3-Q1)/2      3.5000000
NUMBER OF VALUES NOT COUNTED    0  MX.ST.SC.      4.68
                                   MN.ST.SC.     -1.54

LOCATION ESTIMATES                              ST.ERROR
                  MEAN        15.3703699      0.4332582
                  MEDIAN      14.0000000      0.5773506
                  MODE        NOT UNIQUE
```

```
         H
         H
         H                      EACH 'H'
        HH                      REPRESENTS
        HHHH                        6
        HHHHH                   COUNT(S)
      HHHHHHHH
       HHHHHHHHH
   HHHHHHHHHHHHHHHH H H HH
  L-----------------------U

  EACH '-' ABOVE =       2.0000
                L=       4.0000
                U=      50.0000
CASE NO. OF MIN. VAL. =  165
CASE NO. OF MAX. VAL. =  228
```

```
                                                     Q1=   11.0000000
                          VALUE    VALUE/S.E.        Q3=   18.0000000
            SKEWNESS       2.01        12.77         S-=    8.6165419
            KURTOSIS       5.59        17.79         S+=   22.1241913

                               EACH '.' BELOW =     0.5000
```

```
       S Q    M M    Q      S
M      - 1    E E    3      +                                            M
I.............E..E............................................A
N             D A                                                        X
              I N
```

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
5.	1	0.4	0.4	14.	9	3.7	53.5	22.	4	1.6	89.7	36.	1	0.4	97.9
7.	4	1.6	2.1	15.	14	5.8	59.3	23.	5	2.1	91.8	41.	1	0.4	98.4
8.	11	4.5	6.6	16.	13	5.3	64.6	24.	3	1.2	93.0	44.	2	0.8	99.2
9.	13	5.3	11.9	17.	24	9.9	74.5	26.	3	1.2	94.2	45.	1	0.4	99.6
10.	21	8.6	20.6	18.	8	3.3	77.8	27.	1	0.4	94.7	47.	1	0.4	100.0
11.	26	10.7	31.3	19.	10	4.1	81.9	28.	3	1.2	95.9				
12.	26	10.7	42.0	20.	8	3.3	85.2	31.	2	0.8	96.7				
13.	19	7.8	49.8	21.	7	2.9	88.1	33.	2	0.8	97.5				

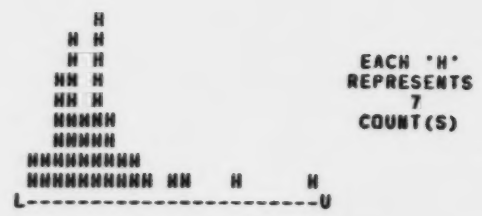
****
* LEAD *
****

VARIABLE NUMBER	3
NUMBER OF DISTINCT VALUES .	24
NUMBER OF VALUES COUNTED. .	243
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	76.0000000
MINIMUM	12.0000000
RANGE	64.0000000
VARIANCE	48.5908661
ST.DEV.	6.9707155
(Q3-Q1)/2	3.0000000
MX.ST.SC.	7.64
MN.ST.SC.	-1.64

LOCATION ESTIMATES

		ST.ERROR
MEAN	23.4156342	0.4471716
MEDIAN	23.0000000	0.5773506
MODE	21.0000000	



EACH '-' ABOVE = 3.0000
L= 9.0000
U= 77.9999
CASE NO. OF MIN. VAL. = 95
CASE NO. OF MAX. VAL. = 120

	VALUE	VALUE/S.E.
SKEWNESS	2.72	17.29
KURTOSIS	15.26	48.57

Q1= 20.0000000
Q3= 26.0000000
S-= 16.4449158
S+= 30.3863373

EACH '.' BELOW = 0.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
12.	9	3.7	3.7	23.	15	6.2	54.3	29.	9	3.7	88.9	38.	1	0.4	97.5
15.	11	4.5	8.2	24.	38	15.6	70.0	30.	9	3.7	92.6	42.	2	0.8	98.4
18.	36	14.8	23.0	25.	10	4.1	74.1	33.	2	0.8	93.4	43.	1	0.4	98.8
20.	9	3.7	26.7	26.	13	5.3	79.4	35.	6	2.5	95.9	47.	1	0.4	99.2
21.	43	17.7	44.4	27.	13	5.3	84.8	36.	1	0.4	96.3	59.	1	0.4	99.6
22.	9	3.7	48.1	28.	1	0.4	85.2	37.	2	0.8	97.1	76.	1	0.4	100.0

PAGE 4 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7728 21 O/6H

```
*************
* ZINC      *
*************                                                                    H
VARIABLE NUMBER . . . . . . .        4     VARIANCE     776.9116211           H
NUMBER OF DISTINCT VALUES .        76     ST.DEV.       27.8731384           H
NUMBER OF VALUES COUNTED. .       243     (Q3-Q1)/2     11.0000000           H
NUMBER OF VALUES NOT COUNTED        0     MX.ST.SC.     11.48                H
                                          MN.ST.SC.     -1.66               HHH
```

MAXIMUM	391.0000000
MINIMUM	25.0000000
RANGE	366.0000000
VARIANCE	776.9116211
ST.DEV.	27.8731384
(Q3-Q1)/2	11.0000000
MX.ST.SC.	11.48
MN.ST.SC.	-1.66

LOCATION ESTIMATES

		ST.ERROR
MEAN	71.1399078	1.7880621
MEDIAN	68.0000000	0.8660250
MODE	67.0000000	

```
     H
     H
     H
     H
     H
    HHH
    HHH                         EACH 'H'
    HHH                        REPRESENTS
   HHHHH                           11
   HHHHHH         H             COUNT(S)
L-----------------------U

EACH '-' ABOVE =      20.0000
             L=        0.0
             U=      450.0000
CASE NO. OF MIN. VAL. =   78
CASE NO. OF MAX. VAL. =  120
```

	VALUE	VALUE/S.E.		
			Q1=	59.0000000
			Q3=	81.0000000
SKEWNESS	6.27	39.90	S-=	43.2667694
KURTOSIS	69.05	219.72	S+=	99.0130463

EACH '.' BELOW = 3.0000

```
      S    Q       Q    S
M     -    1 MMM   3    +                                                                  M
I............OEE...........................................................................A
N            DDA                                                                           X
             EIN
```

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
25.	2	0.8	0.8	55.	3	1.2	19.3	74.	5	2.1	65.4	93.	2	0.8	88.5
32.	2	0.8	1.6	56.	4	1.6	21.0	75.	5	2.1	67.5	94.	1	0.4	88.9
34.	4	1.6	3.3	57.	2	0.8	21.8	76.	5	2.1	69.5	95.	2	0.8	89.7
35.	1	0.4	3.7	58.	4	1.6	23.5	77.	2	0.8	70.4	96.	2	0.8	90.5
36.	1	0.4	4.1	59.	7	2.9	26.3	78.	5	2.1	72.4	97.	2	0.8	91.4
37.	1	0.4	4.5	60.	5	2.1	28.4	79.	1	0.4	72.8	98.	1	0.4	91.8
38.	1	0.4	4.9	61.	9	3.7	32.1	80.	2	0.8	73.7	99.	2	0.8	92.6
39.	1	0.4	5.3	62.	2	0.8	32.9	81.	6	2.5	76.1	100.	3	1.2	93.8
40.	1	0.4	5.8	63.	6	2.5	35.4	82.	1	0.4	76.5	101.	1	0.4	94.2
41.	3	1.2	7.0	64.	4	1.6	37.0	83.	7	2.9	79.4	103.	1	0.4	94.7
43.	1	0.4	7.4	65.	9	3.7	40.7	84.	1	0.4	79.8	104.	2	0.8	95.5
44.	2	0.8	8.2	66.	7	2.9	43.6	85.	3	1.2	81.1	107.	1	0.4	95.9
45.	5	2.1	10.3	67.	13	5.3	49.0	86.	2	0.8	81.9	109.	3	1.2	97.1
46.	2	0.8	11.1	68.	6	2.5	51.4	87.	2	0.8	82.7	116.	1	0.4	97.5
48.	1	0.4	11.5	69.	6	2.5	53.9	88.	2	0.8	83.5	118.	1	0.4	97.9
50.	6	2.5	14.0	70.	11	4.5	58.4	89.	6	2.5	86.0	120.	2	0.8	98.8
52.	3	1.2	15.2	71.	4	1.6	60.1	90.	1	0.4	86.4	123.	1	0.4	99.2
53.	2	0.8	16.0	72.	4	1.6	61.7	91.	2	0.8	87.2	130.	1	0.4	99.6
54.	5	2.1	18.1	73.	4	1.6	63.4	92.	1	0.4	87.7	391.	1	0.4	100.0

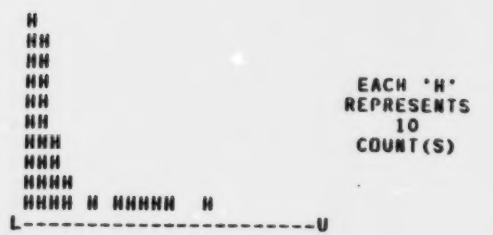
****
* MANGANES *
****

VARIABLE NUMBER	5
NUMBER OF DISTINCT VALUES	91
NUMBER OF VALUES COUNTED	241
NUMBER OF VALUES NOT COUNTED	2

MAXIMUM	7100.0000000
MINIMUM	50.0000000
RANGE	7050.0000000
VARIANCE	908468.1875000
ST.DEV.	953.1359863
(Q3-Q1)/2	310.0000000
MX.ST.SC.	6.52
MN.ST.SC.	-0.88

LOCATION ESTIMATES

		ST.ERROR
MEAN	884.0132324	61.3968811
MEDIAN	660.0000000	43.3012848
MODE	NOT UNIQUE	



EACH '-' ABOVE = 500.0000
L= 0.0
U= 11500.0000
CASE NO. OF MIN. VAL. = 128
CASE NO. OF MAX. VAL. = 220

	VALUE	VALUE/S.E.
SKEWNESS	3.50	22.19
KURTOSIS	15.07	47.77

Q1= 380.0000000
Q3= 1000.0000000
S-= -68.3227539
S+= 1837.9492188

EACH '.' BELOW = 75.0000

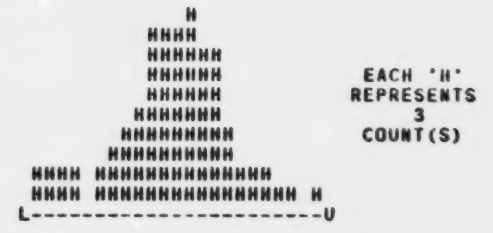
VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
50.	1	0.4	0.4	350.	3	1.2	22.4	640.	1	0.4	49.8	990.	2	0.8	70.5
60.	1	0.4	0.8	360.	2	0.8	23.2	660.	2	0.8	50.6	1000.	11	4.6	75.1
90.	1	0.4	1.2	370.	2	0.8	24.1	670.	4	1.7	52.3	1100.	11	4.6	79.7
110.	5	2.1	3.3	380.	6	2.5	26.6	680.	1	0.4	52.7	1200.	10	4.1	83.8
130.	2	0.8	4.1	390.	2	0.8	27.4	700.	2	0.8	53.5	1300.	8	3.3	87.1
140.	2	0.8	5.0	400.	2	0.8	28.2	710.	3	1.2	54.8	1400.	3	1.2	88.4
150.	2	0.8	5.8	410.	5	2.1	30.3	720.	4	1.7	56.4	1600.	4	1.7	90.0
160.	2	0.8	6.6	420.	2	0.8	31.1	740.	3	1.2	57.7	1700.	5	2.1	92.1
170.	2	0.8	7.5	430.	2	0.8	32.0	750.	1	0.4	58.1	1770.	1	0.4	92.5
180.	1	0.4	7.9	440.	7	2.9	34.9	760.	4	1.7	59.8	1800.	2	0.8	93.4
190.	2	0.8	8.7	450.	2	0.8	35.7	770.	4	1.7	61.4	1900.	2	0.8	94.2
200.	1	0.4	9.1	460.	2	0.8	36.5	780.	1	0.4	61.8	2000.	2	0.8	95.0
210.	4	1.7	10.8	480.	2	0.8	37.3	790.	1	0.4	62.2	2600.	1	0.4	95.4
220.	1	0.4	11.2	500.	4	1.7	39.0	800.	3	1.2	63.5	2800.	1	0.4	95.9
230.	1	0.4	11.6	540.	5	2.1	41.1	810.	2	0.8	64.3	3000.	2	0.8	96.7
240.	3	1.2	12.9	550.	2	0.8	41.9	820.	1	0.4	64.7	3900.	2	0.8	97.5
250.	2	0.8	13.7	560.	5	2.1	44.0	840.	1	0.4	65.1	4400.	1	0.4	97.9
270.	3	1.2	14.9	570.	2	0.8	44.8	860.	1	0.4	65.6	5000.	1	0.4	98.3
280.	1	0.4	15.4	580.	1	0.4	45.2	870.	4	1.7	67.2	5200.	1	0.4	98.8
300.	6	2.5	17.8	590.	1	0.4	45.6	890.	2	0.8	68.0	5300.	1	0.4	99.2
320.	5	2.1	19.9	600.	3	1.2	46.9	900.	2	0.8	68.9	6000.	1	0.4	99.6
330.	1	0.4	20.3	620.	3	1.2	48.1	910.	1	0.4	69.3	7100.	1	0.4	100.0
340.	2	0.8	21.2	630.	3	1.2	49.4	930.	1	0.4	69.7				

****
* IRONPCNT *
****

VARIABLE NUMBER	6	MAXIMUM	3.9199991
NUMBER OF DISTINCT VALUES .	140	MINIMUM	0.5400000
NUMBER OF VALUES COUNTED. .	243	RANGE	3.3799992
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	0.3987657
		ST.DEV.	0.6314790
		(Q3-Q1)/2	0.3649998
		MX.ST.SC.	2.64
		MN.ST.SC.	-2.71

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.2523127	0.0405094
MEDIAN	2.3099995	0.0461880
MODE	NOT UNIQUE	



EACH 'H' REPRESENTS 3 COUNT(S)

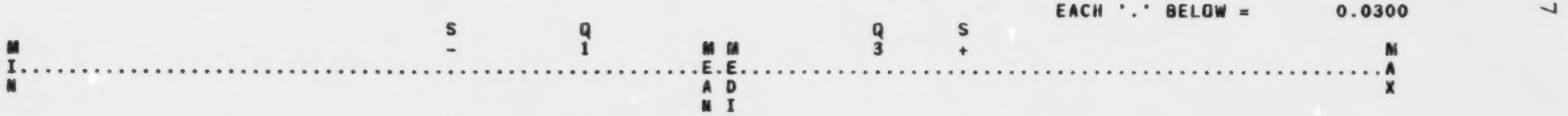
EACH '-' ABOVE = 0.1500
L= 0.6000
U= 4.0500

CASE NO. OF MIN. VAL. = 235
CASE NO. OF MAX. VAL. = 216

	VALUE	VALUE/S.E.
SKEWNESS	-0.38	-2.45
KURTOSIS	0.29	0.91

Q1= 1.9399996
Q3= 2.6699991
S-= 1.6208334
S+= 2.8837910

EACH '.' BELOW = 0.0300



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.5400	1	0.4	0.4	1.7400	1	0.4	18.5	2.2300	2	0.8	45.3	2.6700	2	0.8	75.3
0.5900	1	0.4	0.8	1.7500	1	0.4	18.9	2.2400	2	0.8	46.1	2.6800	2	0.8	75.1
0.7100	1	0.4	1.2	1.7600	1	0.4	19.3	2.2700	5	2.1	48.1	2.6900	2	0.8	77.0
0.7200	1	0.4	1.6	1.8100	1	0.4	19.8	2.2800	2	0.8	49.0	2.7000	5	2.1	79.0
0.7400	1	0.4	2.1	1.8200	1	0.4	20.2	2.2900	1	0.4	49.4	2.7100	4	1.6	80.7
0.8000	1	0.4	2.5	1.8400	2	0.8	21.0	2.3000	1	0.4	49.8	2.7200	1	0.4	81.1
0.8200	1	0.4	2.9	1.8500	1	0.4	21.4	2.3100	1	0.4	50.2	2.7300	2	0.8	81.9
0.8300	1	0.4	3.3	1.8600	1	0.4	21.8	2.3300	2	0.8	51.0	2.7400	4	1.6	83.5
0.8700	1	0.4	3.7	1.8900	1	0.4	22.2	2.3400	2	0.8	51.9	2.7600	3	1.2	84.8
0.8800	2	0.8	4.5	1.9000	3	1.2	23.5	2.3500	2	0.8	52.7	2.7800	1	0.4	85.2
0.9300	1	0.4	4.9	1.9100	1	0.4	23.9	2.3700	5	2.1	54.7	2.8100	1	0.4	85.6
0.9400	1	0.4	5.3	1.9200	2	0.8	24.7	2.3900	4	1.6	56.4	2.8300	1	0.4	86.0
0.9600	1	0.4	5.8	1.9400	2	0.8	25.5	2.4000	2	0.8	57.2	2.8400	1	0.4	86.4
1.0100	1	0.4	6.2	1.9500	1	0.4	25.9	2.4200	2	0.8	58.0	2.8500	1	0.4	86.8
1.0200	1	0.4	6.6	1.9600	1	0.4	26.3	2.4300	3	1.2	59.3	2.8800	3	1.2	88.1
1.0400	1	0.4	7.0	1.9700	3	1.2	27.6	2.4400	3	1.2	60.5	2.9100	1	0.4	88.5
1.0800	1	0.4	7.4	1.9900	2	0.8	28.4	2.4500	3	1.2	61.7	2.9300	2	0.8	89.3
1.1300	1	0.4	7.8	2.0000	4	1.6	30.0	2.4600	1	0.4	62.1	2.9600	2	0.8	90.1
1.1600	2	0.8	8.6	2.0100	1	0.4	30.5	2.4700	3	1.2	63.4	2.9700	1	0.4	90.5
1.3800	1	0.4	9.1	2.0400	2	0.8	31.3	2.4800	1	0.4	63.8	2.9800	1	0.4	90.9
1.4000	1	0.4	9.5	2.0500	1	0.4	31.7	2.5000	1	0.4	64.2	3.0400	2	0.8	91.8
1.4300	1	0.4	9.9	2.0600	3	1.2	32.9	2.5100	2	0.8	65.0	3.0500	1	0.4	92.2
1.4600	2	0.8	10.7	2.0700	5	1.2	34.2	2.5200	5	1.2	66.3	3.0600	5	1.2	93.4

1.4900	1	0.4	11.1	2.0800	2	0.8	35.0	2.5300	2	0.8	67.1	3.1900	2	0.8	94.2
1.5000	2	0.8	11.9	2.0900	2	0.8	35.8	2.5400	2	0.8	67.9	3.2400	1	0.4	94.7
1.5100	2	0.8	12.8	2.1000	4	1.6	37.4	2.5500	1	0.4	68.3	3.2800	1	0.4	95.1
1.5500	2	0.8	13.6	2.1100	1	0.4	37.9	2.5600	3	1.2	69.5	3.3100	1	0.4	95.5
1.5800	1	0.4	14.0	2.1200	2	0.8	38.7	2.5700	1	0.4	70.0	3.3200	1	0.4	95.9
1.6300	1	0.4	14.4	2.1500	3	1.2	39.9	2.5900	1	0.4	70.4	3.3500	1	0.4	96.3
1.6400	1	0.4	14.8	2.1600	1	0.4	40.3	2.6000	3	1.2	71.6	3.4300	2	0.8	97.1
1.6500	1	0.4	15.2	2.1700	1	0.4	40.7	2.6200	1	0.4	72.0	3.4700	2	0.8	97.9
1.6800	1	0.4	15.6	2.1800	2	0.8	41.6	2.6300	1	0.4	72.4	3.5600	1	0.4	98.4
1.7000	1	0.4	16.0	2.1900	1	0.4	42.0	2.6400	2	0.8	73.3	3.6100	2	0.8	99.2
1.7100	2	0.8	16.9	2.2000	2	0.8	42.8	2.6500	1	0.4	73.7	3.6900	1	0.4	99.6
1.7200	3	1.2	18.1	2.2100	4	1.6	44.4	2.6600	2	0.8	74.5	3.9200	1	0.4	100.0

PAGE 7 BMOP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7728 21 O/6H

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*************
* COBALT    *
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VARIABLE NUMBER	7
NUMBER OF DISTINCT VALUES .	24
NUMBER OF VALUES COUNTED. .	240
NUMBER OF VALUES NOT COUNTED	3

MAXIMUM	37.0000000
MINIMUM	6.0000000
RANGE	31.0000000
VARIANCE	20.7161255
ST.DEV.	4.5514975
(Q3-Q1)/2	3.0000000
MX.ST.SC.	4.55
MN.ST.SC.	-2.26

LOCATION ESTIMATES

		ST.ERROR
MEAN	16.2874908	0.2937979
MEDIAN	16.0000000	0.2886752
MODE	17.0000000	

```
        H  H
        H  H
      H H HH
      H H HH                EACH 'H'
      H H HH               REPRESENTS
      HHHHHH                    4
      HHHHHH HH              COUNT(S)
    H HHHHHH HH
     HHHHHHHHHHHHH
   HHHHHHHHHHHHHHHH H   H
  L----------------------U
```

EACH '-' ABOVE = 1.5000
L= 4.5000
U= 39.0000
CASE NO. OF MIN. VAL. = 128
CASE NO. OF MAX. VAL. = 94

	VALUE	VALUE/S.E.		
			Q1=	13.0000000
			Q3=	19.0000000
SKEWNESS	0.60	3.82	S-=	11.7359934
KURTOSIS	1.41	4.45	S+=	20.8389740

EACH '.' BELOW = 0.2500

```
                       S   Q               Q     S
M                      -   1      M M M    3     +                                        M
I.................................E.E.O...................................................A
N                                 D A D                                                    X
                                  I N E
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VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
6.	2	0.8	0.8	12.	19	7.9	20.0	18.	25	10.4	74.2	24.	2	0.8	96.3
7.	2	0.8	1.7	13.	20	8.3	28.3	19.	14	5.8	80.0	25.	3	1.3	97.5
8.	5	2.1	3.8	14.	21	8.8	37.1	20.	8	3.3	83.3	26.	1	0.4	97.9
9.	4	1.7	5.4	15.	16	6.7	43.8	21.	9	3.8	87.1	27.	2	0.8	98.8
10.	6	2.5	7.9	16.	19	7.9	51.7	22.	7	2.9	90.0	30.	2	0.8	99.6
11.	10	4.2	12.1	17.	29	12.1	63.8	23.	13	5.4	95.4	37.	1	0.4	100.0

****
* NICKEL *
****

VARIABLE NUMBER	8
NUMBER OF DISTINCT VALUES .	70
NUMBER OF VALUES COUNTED. .	240
NUMBER OF VALUES NOT COUNTED	3

MAXIMUM	95.0000000
MINIMUM	8.0000000
RANGE	87.0000000
VARIANCE	270.0996094
ST.DEV.	16.4347076
(Q3-Q1)/2	11.5000000
MX.ST.SC.	2.74
MN.ST.SC.	-2.55

LOCATION ESTIMATES

		ST.ERROR
MEAN	49.9083252	1.0608549
MEDIAN	51.0000000	0.0660258
MODE	51.0000000	

EACH '-' ABOVE = 5.0000
L= 0.0
U= 115.0000
CASE NO. OF MIN. VAL. = 95
CASE NO. OF MAX. VAL. = 184

	VALUE	VALUE/S.E.
SKEWNESS	-0.04	-0.25
KURTOSIS	-0.37	-1.18

Q1= 38.0000000
Q3= 61.0000000
S-= 33.4736176
S+= 66.3430328

EACH '.' BELOW = 0.7500

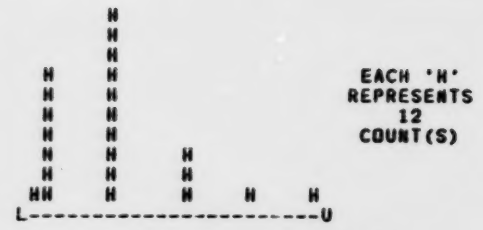
VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
8.	1	0.4	0.4	33.	2	0.8	17.5	51.	11	4.6	52.1	69.	1	0.4	87.5
12.	1	0.4	0.8	34.	2	0.8	18.3	52.	9	3.8	55.8	70.	4	1.7	89.2
13.	1	0.4	1.3	35.	3	1.3	19.6	53.	4	1.7	57.5	71.	3	1.3	90.4
15.	1	0.4	1.7	36.	4	1.7	21.3	54.	4	1.7	59.2	72.	1	0.4	90.8
17.	1	0.4	2.1	37.	2	0.8	22.1	55.	5	2.1	61.3	73.	3	1.3	92.1
18.	1	0.4	2.5	38.	9	3.8	25.8	56.	9	3.8	65.0	74.	2	0.8	92.9
19.	1	0.4	2.9	39.	7	2.9	28.8	57.	6	2.5	67.5	75.	4	1.7	94.6
20.	2	0.8	3.8	40.	3	1.3	30.0	58.	4	1.7	69.2	77.	1	0.4	95.0
21.	1	0.4	4.2	41.	5	2.1	32.1	59.	4	1.7	70.8	78.	3	1.3	96.3
23.	7	2.9	7.1	42.	4	1.7	33.8	60.	6	2.5	73.3	79.	2	0.8	97.1
24.	2	0.8	7.9	43.	4	1.7	35.4	61.	7	2.9	76.3	81.	1	0.4	97.5
25.	1	0.4	8.3	44.	2	0.8	36.3	62.	4	1.7	77.9	82.	1	0.4	97.9
26.	2	0.8	9.2	45.	4	1.7	37.9	63.	6	2.5	80.4	83.	2	0.8	98.8
28.	3	1.3	10.4	46.	5	2.1	40.0	64.	6	2.5	82.9	86.	1	0.4	99.2
29.	3	1.3	11.7	47.	6	2.5	42.5	65.	3	1.3	84.2	89.	1	0.4	99.6
30.	1	0.4	12.1	48.	1	0.4	42.9	66.	2	0.8	85.0	95.	1	0.4	100.0
31.	10	4.2	16.3	49.	6	2.5	45.4	67.	2	0.8	85.8				
32.	1	0.4	16.7	50.	5	2.1	47.5	68.	3	1.3	87.1				

****
* SILVER *
****

VARIABLE NUMBER	9	MAXIMUM	2.5000000
NUMBER OF DISTINCT VALUES .	6	MINIMUM	0.3000000
NUMBER OF VALUES COUNTED. .	240	RANGE	2.1999998
NUMBER OF VALUES NOT COUNTED	3	VARIANCE	0.1527501
		ST.DEV.	0.3908325
		(Q3-Q1)/2	0.2500000
		MX.ST.SC.	4.02
		MN.ST.SC.	-1.61

LOCATION ESTIMATES

		ST.ERROR
MEAN	0.9283333	0.0252281
MEDIAN	1.0000000	0.0
MODE	1.0000000	

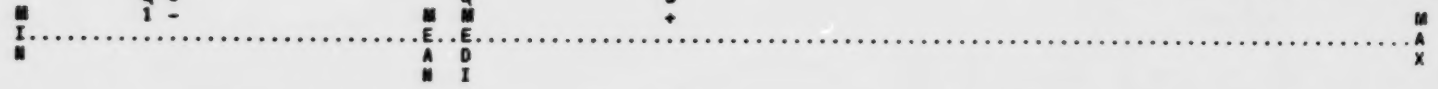


EACH '-' ABOVE = 0.1000
L= 0.3000
U= 2.6000
CASE NO. OF MIN. VAL. = 65
CASE NO. OF MAX. VAL. = 153

	VALUE	VALUE/S.E.
SKEWNESS	0.77	4.84
KURTOSIS	0.67	2.13

Q1= 0.5000000
Q3= 1.0000000
S-= 0.5375007
S+= 1.3191652

EACH '.' BELOW = 0.0200



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.3000	1	0.4	0.4	1.0000	116	48.3	82.9	2.0000	6	2.5	99.6				
0.5000	82	34.2	34.6	1.5000	34	14.2	97.1	2.5000	1	0.4	100.0				

****
* MOLYBDEN *
****

VARIABLE NUMBER	10	MAXIMUM	2.0000000
NUMBER OF DISTINCT VALUES .	2	MINIMUM	0.0
NUMBER OF VALUES COUNTED. .	240	RANGE	2.0000000
NUMBER OF VALUES NOT COUNTED	3	VARIANCE	0.0166667
		ST.DEV.	0.1290994
		(Q3-Q1)/2	0.0
		MX.ST.SC.	0.06
		MN.ST.SC.	-15.43

LOCATION ESTIMATES

		ST.ERROR
MEAN	1.9916650	0.0083333
MEDIAN	2.0000000	0.0
MODE	2.0000000	

EACH '-' ABOVE = 0.1000
L= 0.0
U= 2.3000

CASE NO. OF MIN. VAL. = 97
CASE NO. OF MAX. VAL. = 1

	VALUE	VALUE/S.E.
SKEWNESS	-15.30	-96.76
KURTOSIS	233.05	736.96

Q1= 2.0000000
Q3= 2.0000000
S-= 1.8625660
S+= 2.1207647

EACH '.' BELOW = 0.0200

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.	1	0.4	0.4	2.	239	99.6	100.0

PAGE 11 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 7728 21 O/6H

```
*************
* URANIUM  *                           MAXIMUM         17.5000000
*************                          MINIMUM          1.5000000
                                       RANGE           16.0000000
VARIABLE NUMBER . . . . . .     11     VARIANCE         4.8497934
NUMBER OF DISTINCT VALUES .     51     ST.DEV.          2.2022247
NUMBER OF VALUES COUNTED. .    205     (Q3-Q1)/2        0.4500003
NUMBER OF VALUES NOT COUNTED    36     MX.ST.SC.        5.46
                                       MN.ST.SC.       -0.80

LOCATION ESTIMATES                              ST.ERROR
               MEAN             3.2687588     0.1538100
               MEDIAN           2.5999994     0.0577350
               MODE             2.3999996

       H
       H
       H
       H                          EACH 'H'
       H                          REPRESENTS
       HH                            10
       HH                          COUNT(S)
       HH
       HHHH
  HHHHHHHHHHHH HH    H  H
 L----------------------U

        EACH '-' ABOVE =        0.7500
                     L=         0.7500
                     U=        18.0000
 CASE NO. OF MIN. VAL. =  128
 CASE NO. OF MAX. VAL. =  215

                                             Q1=      2.2999992
                    VALUE    VALUE/S.E.      Q3=      3.1999998
 SKEWNESS            3.38       19.75        S-=      1.0665340
 KURTOSIS           13.90       40.62        S+=      5.4709835

                  EACH '.' BELOW =       0.1500

 S      Q    Q                 S
 -  M   1MM  M                 +                                            M
 ...I.....OE...E...............................................................A
    N     DD   A                                                            X
          EI   N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.500	1	0.5	0.5	2.800	11	5.4	66.8	4.300	5	2.4	84.4	7.100	1	0.5	94.1
1.600	4	2.0	2.4	2.900	6	2.9	69.8	4.400	3	1.5	85.9	7.300	2	1.0	95.1
1.700	7	3.4	5.9	3.000	2	1.0	70.7	4.500	2	1.0	86.8	7.800	1	0.5	95.6
1.800	9	4.4	10.2	3.100	6	2.9	73.7	4.600	2	1.0	87.8	8.600	1	0.5	96.1
1.900	6	2.9	13.2	3.200	4	2.0	75.6	4.700	2	1.0	88.8	8.800	1	0.5	96.6
2.000	4	2.0	15.1	3.300	5	2.4	78.0	4.800	2	1.0	89.8	9.400	1	0.5	97.1
2.100	9	4.4	19.5	3.400	1	0.5	78.5	4.900	1	0.5	90.2	10.700	1	0.5	97.6
2.200	10	4.9	24.4	3.500	1	0.5	79.0	5.200	1	0.5	90.7	10.900	1	0.5	98.0
2.300	17	8.3	32.7	3.600	1	0.5	79.5	5.400	1	0.5	91.2	11.300	1	0.5	98.5
2.400	19	9.3	42.0	3.700	2	1.0	80.5	5.500	1	0.5	91.7	11.700	1	0.5	99.0
2.500	10	4.9	46.8	3.800	1	0.5	81.0	6.400	1	0.5	92.2	15.100	1	0.5	99.5
2.600	18	8.8	55.6	3.900	1	0.5	81.5	6.700	2	1.0	93.2	17.500	1	0.5	100.0
2.700	12	5.9	61.5	4.000	1	0.5	82.0	7.000	1	0.5	93.7				

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	20.0000000
NUMBER OF DISTINCT VALUES .	5	MINIMUM	4.0000000
NUMBER OF VALUES COUNTED. .	40	RANGE	16.0000000
NUMBER OF VALUES NOT COUNTED	203	VARIANCE	17.1384277
		ST.DEV.	4.1398602
		(Q3-Q1)/2	2.0000000
		MX.ST.SC.	2.48
		MN.ST.SC.	-1.38

LOCATION ESTIMATES

		ST.ERROR
MEAN	8.6999998	0.6545693
MEDIAN	8.0000000	0.0
MODE	8.0000000	

EACH '-' ABOVE = 0.7500
L= 3.7500
U= 21.0000

CASE NO. OF MIN. VAL. = 16
CASE NO. OF MAX. VAL. = 46

	VALUE	VALUE/S.E.
SKEWNESS	1.01	2.60
KURTOSIS	0.63	0.81

Q1= 8.0000000
Q3= 12.0000000
S-= 5.5601397
S+= 13.8398600

EACH '.' BELOW = 0.1500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
4.	5	12.5	12.5	12.	9	22.5	87.5	20.	3	7.5	100.0				
8.	21	52.5	65.0	16.	2	5.0	92.5								

21 O/6H

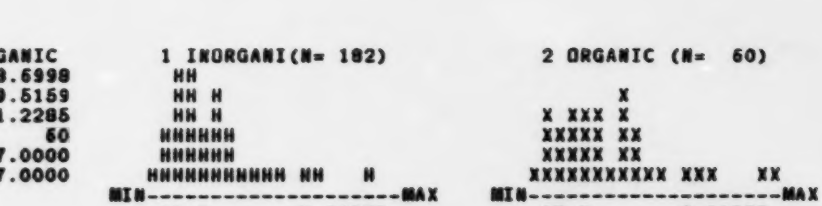
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-3.41	0.0011	70.7
T (POOLED)	-4.54	0.0000	240
F(FOR VARIANCES)			
LEVENE	23.54	0.0000	1, 240

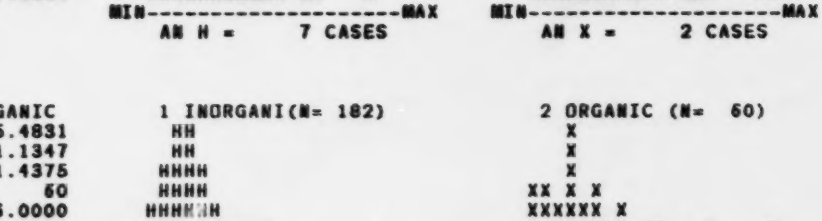
GROUP	1 INORGANI	2 ORGANIC
MEAN	14.3131	18.6998
STD DEV	5.1353	9.5159
S.E.M.	0.3807	1.2285
SAMPLE SIZE	182	60
MAXIMUM	41.0000	47.0000
MINIMUM	5.0000	7.0000



****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.82	0.0738	66.0
T (POOLED)	-2.63	0.0091	240
F(FOR VARIANCES)			
LEVENE	27.78	0.0000	1, 240

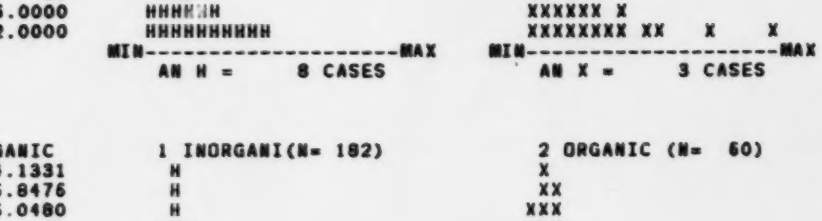
GROUP	1 INORGANI	2 ORGANIC
MEAN	22.7961	25.4831
STD DEV	4.6935	11.1347
S.E.M.	0.3479	1.4375
SAMPLE SIZE	182	60
MAXIMUM	43.0000	76.0000
MINIMUM	12.0000	12.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.54	0.1279	64.3
T (POOLED)	2.32	0.0210	240
F(FOR VARIANCES)			
LEVENE	3.46	0.0639	1, 240

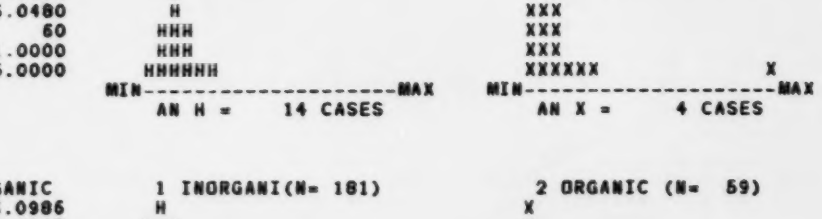
GROUP	1 INORGANI	2 ORGANIC
MEAN	73.6642	64.1331
STD DEV	17.0934	46.8476
S.E.M.	1.2670	6.0480
SAMPLE SIZE	182	60
MAXIMUM	123.0000	391.0000
MINIMUM	34.0000	25.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.48	0.6312	102.2
T (POOLED)	0.47	0.6376	238
F(FOR VARIANCES)			
LEVENE	0.26	0.6126	1, 238

GROUP	1 INORGANI	2 ORGANIC
MEAN	903.6926	836.0986
STD DEV	965.2595	926.8047
S.E.M.	71.7472	120.6597
SAMPLE SIZE	181	59
MAXIMUM	7100.0000	5000.0000
MINIMUM	60.0000	50.0000

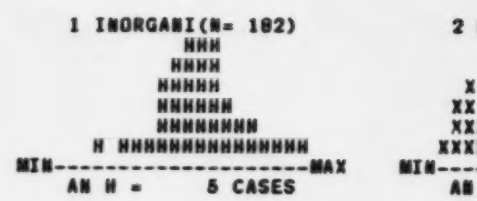


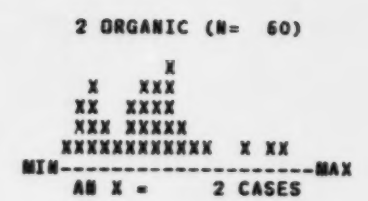
DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	9.53	0.0	81.0
T (POOLED)	11.10	0.0000	240
F(FOR VARIANCES) LEVENE	9.04	0.0029	1, 240

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.4672	1.6257
STD DEV	0.4630	0.6304
S.E.M.	0.0343	0.0814
SAMPLE SIZE	182	60
MAXIMUM	3.9200	3.4300
MINIMUM	1.0800	0.5400

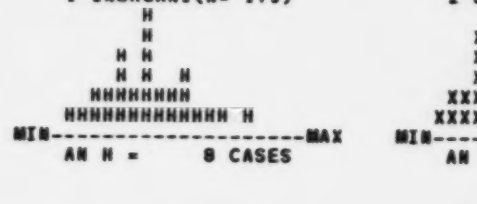


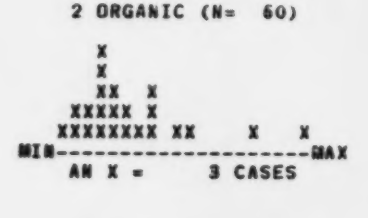


****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	4.73	0.0000	81.5
T (POOLED)	5.49	0.0000	237
F(FOR VARIANCES) LEVENE	1.87	0.1729	1, 237

GROUP	1 INORGANI	2 ORGANIC
MEAN	17.2061	13.7167
STD DEV	3.8695	5.2597
S.E.M.	0.2892	0.6790
SAMPLE SIZE	179	60
MAXIMUM	30.0000	37.0000
MINIMUM	8.0000	6.0000

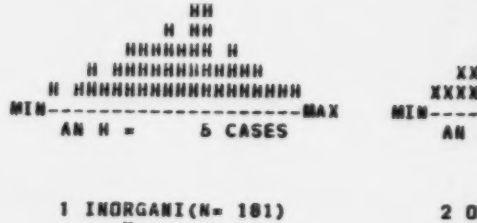


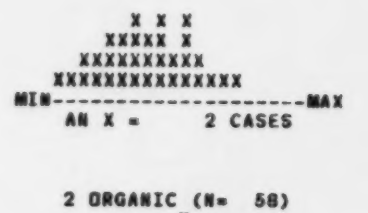


****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	6.24	0.0	113.8
T (POOLED)	5.86	0.0000	237
F(FOR VARIANCES) LEVENE	0.62	0.4306	1, 237

GROUP	1 INORGANI	2 ORGANIC
MEAN	53.4016	40.0331
STD DEV	15.7357	13.8759
S.E.M.	1.1761	1.7914
SAMPLE SIZE	179	60
MAXIMUM	95.0000	70.0000
MINIMUM	8.0000	12.0000

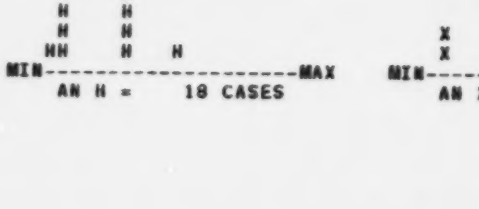


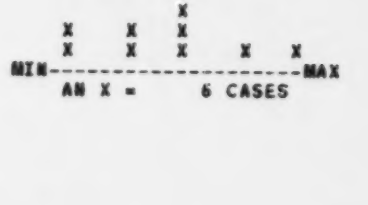


****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-7.15	0.0	67.0
T (POOLED)	-9.73	0.0000	237
F(FOR VARIANCES) LEVENE	52.77	0.0000	1, 237

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.8083	1.2931
STD DEV	0.2564	0.4959
S.E.M.	0.0191	0.0651
SAMPLE SIZE	181	58
MAXIMUM	1.5000	2.5000
MINIMUM	0.3000	0.5000





DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

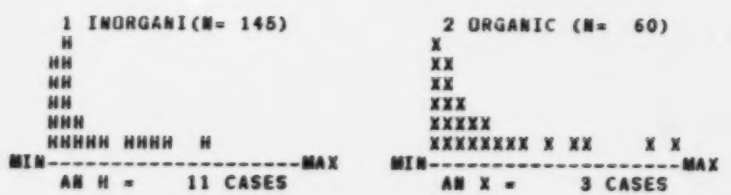
STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.00	0.3172	180.0
T (POOLED)	-0.57	0.5679	238
F(FOR VARIANCES) LEVENE	1.32	0.2519	1, 238

GROUP	1 INORGANI	2 ORGANIC
MEAN	1.9889	2.0000
STD DEV	0.1487	0.0
S.E.M.	0.0110	0.0
SAMPLE SIZE	181	59
MAXIMUM	2.0000	2.0000
MINIMUM	0.0	2.0000

****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-3.42	0.0011	67.1
T (POOLED)	-4.67	0.0000	203
F(FOR VARIANCES) LEVENE	44.42	0.0000	1, 203

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.8289	4.3317
STD DEV	1.3263	3.2941
S.E.M.	0.1101	0.4253
SAMPLE SIZE	145	60
MAXIMUM	11.3000	17.5000
MINIMUM	1.6000	1.5000



* * * * * WARNING - GROUP 2 ORGANIC HAS NO CASES. HISTOGRAM FOR VARIABLE 13 TUNGSTEN WILL NOT BE PRINTED.

* * * * * WARNING - GROUP 2 ORGANIC HAS NO CASES. HISTOGRAM FOR VARIABLE 14 ANTIMONY WILL NOT BE PRINTED.

NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 0.763 SECONDS

21 O/3 WEST
1. STATISTICS 1
2. STATISTICS 2

21 O/3 WEST

1. STATISTICS 1

****
* COPPER *
****

VARIABLE NUMBER	2	MAXIMUM	54.0000000
NUMBER OF DISTINCT VALUES .	37	MINIMUM	1.0000000
NUMBER OF VALUES COUNTED. .	1541	RANGE	53.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	33.1564026
		ST.DEV.	5.7581606
		(Q3-Q1)/2	3.5000000
		MX.ST.SC.	7.15
		MN.ST.SC.	-2.06

LOCATION ESTIMATES

		ST.ERROR
MEAN	12.8513947	0.1466839
MEDIAN	12.0000000	0.0
MODE	10.0000000	

EACH '-' ABOVE = 2.0000
L= 0.0
U= 62.0000
CASE NO. OF MIN. VAL. = 317
CASE NO. OF MAX. VAL. = 1286

	VALUE	VALUE/S.E.
SKEWNESS	1.27	20.43
KURTOSIS	3.83	30.68

Q1= 9.0000000
Q3= 16.0000000
S-= 7.0932341
S+= 18.6095428

EACH '.' BELOW = 0.5000

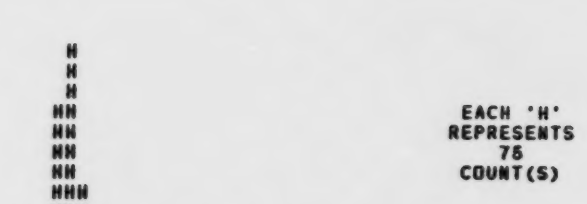
VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.	1	0.1	0.1	11.	108	7.0	45.7	21.	35	2.3	93.2	32.	5	0.3	99.4
2.	6	0.4	0.5	12.	130	8.4	54.1	22.	16	1.0	94.2	34.	3	0.2	99.6
3.	27	1.8	2.2	13.	121	7.9	62.0	23.	15	1.0	95.2	35.	1	0.1	99.7
4.	28	1.8	4.0	14.	96	6.2	68.2	24.	12	0.8	96.0	37.	1	0.1	99.7
5.	31	2.0	6.0	15.	74	4.8	73.0	25.	8	0.5	96.5	39.	2	0.1	99.9
6.	55	3.6	9.6	16.	82	5.3	78.3	26.	11	0.7	97.2	49.	1	0.1	99.9
7.	72	4.7	14.3	17.	66	4.3	82.6	27.	9	0.6	97.8	54.	1	0.1	100.0
8.	89	5.8	20.1	18.	64	4.2	86.8	28.	8	0.5	98.3				
9.	131	8.5	28.6	19.	37	2.4	89.2	30.	6	0.4	98.7				
10.	156	10.1	38.7	20.	27	1.8	90.9	31.	6	0.4	99.1				

****
* LEAD *
****

VARIABLE NUMBER	3	MAXIMUM	209.0000000
NUMBER OF DISTINCT VALUES .	50	MINIMUM	5.0000000
NUMBER OF VALUES COUNTED. .	1541	RANGE	204.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	87.7353668
		ST.DEV.	9.3667184
		(Q3-Q1)/2	3.5000000
		MX.ST.SC.	19.57
		MN.ST.SC.	-2.21

LOCATION ESTIMATES

		ST.ERROR
MEAN	25.7014923	0.2386085
MEDIAN	24.0000000	0.2386752
MODE	24.0000000	



EACH '-' ABOVE = 7.5000
L= 0.0
U= 232.4999

CASE NO. OF MIN. VAL. = 1008
CASE NO. OF MAX. VAL. = 90

	VALUE	VALUE/S.E.
SKEWNESS	9.25	148.26
KURTOSIS	159.23	1275.93

Q1= 21.0000000
Q3= 28.0000000
S-= 16.3347626
S+= 35.0682068

EACH '.' BELOW = 2.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
5.	1	0.1	0.1	22.	82	5.3	33.4	35.	11	0.7	93.1	48.	1	0.1	99.1
10.	1	0.1	0.1	23.	125	8.1	41.5	36.	7	0.5	93.6	49.	3	0.2	99.3
11.	3	0.2	0.3	24.	143	9.3	50.7	37.	30	1.9	95.5	52.	3	0.2	99.5
12.	3	0.2	0.5	25.	111	7.2	57.9	38.	8	0.5	96.0	54.	1	0.1	99.5
13.	2	0.1	0.6	26.	39	2.5	60.5	39.	2	0.1	96.2	55.	1	0.1	99.6
14.	11	0.7	1.4	27.	141	9.1	69.6	40.	14	0.9	97.1	61.	1	0.1	99.7
15.	30	1.9	3.3	28.	98	6.4	76.0	41.	5	0.3	97.4	64.	1	0.1	99.7
16.	16	1.0	4.3	29.	22	1.4	77.4	42.	1	0.1	97.5	96.	1	0.1	99.8
17.	46	3.0	7.3	30.	63	4.1	81.5	43.	11	0.7	98.2	98.	1	0.1	99.9
18.	77	5.0	12.3	31.	88	5.7	87.2	44.	4	0.3	98.4	190.	1	0.1	99.9
19.	39	2.5	14.9	32.	9	0.6	87.8	45.	1	0.1	98.5	209.	1	0.1	100.0
20.	98	6.4	21.2	33.	27	1.8	89.6	46.	4	0.3	98.8				
21.	105	6.8	28.0	34.	44	2.9	92.4	47.	4	0.3	99.0				

****
* ZINC *
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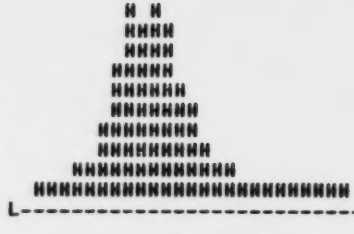
VARIABLE NUMBER	4	MAXIMUM	218.0000000
NUMBER OF DISTINCT VALUES .	131	MINIMUM	12.0000000
NUMBER OF VALUES COUNTED. .	1541	RANGE	206.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	551.0241699
		ST.DEV.	23.4739075
		(Q3-Q1)/2	14.0000000
		MX.ST.SC.	5.98
		MN.ST.SC.	-2.80

LOCATION ESTIMATES

		ST.ERROR
MEAN	77.6229706	0.5979764
MEDIAN	75.0000000	0.8660258
MODE	65.0000000	



EACH '-' ABOVE = 7.5000
L= 0.0
U= 232.4999
CASE NO. OF MIN. VAL. = 1020
CASE NO. OF MAX. VAL. = 923

	VALUE	VALUE/S.E.
SKEWNESS	0.78	12.56
KURTOSIS	2.34	18.72

Q1= 62.0000000
Q3= 90.0000000
S-= 54.1490631
S+= 101.0968781

EACH '.' BELOW = 2.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
12.	2	0.1	0.1	54.	19	1.2	12.4	87.	34	2.2	71.3	120.	4	0.3	95.8
18.	2	0.1	0.3	55.	21	1.4	13.8	88.	24	1.6	72.9	121.	4	0.3	96.0
19.	1	0.1	0.3	56.	16	1.0	14.8	89.	26	1.7	74.6	122.	5	0.3	96.4
21.	2	0.1	0.5	57.	29	1.9	16.7	90.	17	1.1	75.7	123.	4	0.3	96.6
22.	2	0.1	0.6	58.	35	2.3	18.9	91.	16	1.0	76.7	124.	2	0.1	96.8
24.	1	0.1	0.6	59.	20	1.3	20.2	92.	17	1.1	77.8	125.	4	0.3	97.0
26.	2	0.1	0.8	60.	36	2.3	22.6	93.	13	0.8	78.7	126.	3	0.2	97.2
27.	1	0.1	0.8	61.	17	1.1	23.7	94.	20	1.3	79.9	127.	3	0.2	97.4
28.	3	0.2	1.0	62.	27	1.8	25.4	95.	17	1.1	81.1	129.	5	0.3	97.7
29.	5	0.3	1.4	63.	19	1.2	26.7	96.	10	0.6	81.7	130.	1	0.1	97.8
31.	3	0.2	1.6	64.	14	0.9	27.6	97.	13	0.8	82.5	131.	4	0.3	98.1
32.	5	0.3	1.9	65.	43	2.8	30.4	98.	12	0.8	83.3	132.	2	0.1	98.2
33.	4	0.3	2.1	66.	33	2.1	32.5	99.	18	1.2	84.5	133.	2	0.1	98.3
34.	7	0.5	2.6	67.	39	2.5	35.0	100.	16	1.0	85.5	134.	1	0.1	98.4
35.	5	0.3	2.9	68.	29	1.9	36.9	101.	11	0.7	86.2	136.	2	0.1	98.5
36.	6	0.4	3.3	69.	15	1.0	37.9	102.	12	0.8	87.0	137.	3	0.2	98.7
37.	5	0.3	3.6	70.	36	2.3	40.2	103.	16	1.0	88.1	139.	1	0.1	98.8
38.	3	0.2	3.8	71.	30	1.9	42.2	104.	10	0.6	88.7	141.	1	0.1	98.8
39.	8	0.5	4.3	72.	27	1.8	43.9	105.	4	0.3	89.0	146.	2	0.1	99.0
40.	2	0.1	4.5	73.	37	2.4	46.3	106.	11	0.7	89.7	148.	1	0.1	99.0
41.	6	0.4	4.9	74.	30	1.9	48.3	107.	11	0.7	90.4	149.	1	0.1	99.1
42.	3	0.2	5.1	75.	32	2.1	50.4	108.	9	0.6	91.0	155.	2	0.1	99.2
43.	3	0.2	5.3	76.	22	1.4	51.8	109.	13	0.8	91.8	157.	2	0.1	99.4

44.	3	0.2	5.5	77.	33	2.1	53.9	110.	3	0.2	92.0	160.	1	0.1	99.4
45.	6	0.4	5.8	78.	34	2.2	56.1	111.	5	0.3	92.3	170.	2	0.1	99.5
46.	10	0.6	6.5	79.	26	1.6	57.8	112.	9	0.6	92.9	171.	1	0.1	99.6
47.	6	0.4	6.9	80.	23	1.5	59.2	113.	3	0.2	93.1	172.	1	0.1	99.7
48.	11	0.7	7.6	81.	16	1.0	60.3	114.	9	0.6	93.7	173.	1	0.1	99.7
49.	5	0.3	7.9	82.	30	1.9	62.2	115.	5	0.3	94.0	181.	1	0.1	99.8
50.	10	0.6	8.6	83.	37	2.4	64.6	116.	5	0.3	94.4	190.	1	0.1	99.9
51.	12	0.8	9.3	84.	24	1.6	66.2	117.	7	0.5	94.8	192.	1	0.1	99.9
52.	16	1.0	10.4	85.	24	1.6	67.7	118.	6	0.4	95.2	210.	1	0.1	100.0
53.	12	0.8	11.2	86.	21	1.4	69.1	119.	5	0.3	95.5				

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* MANGANES *
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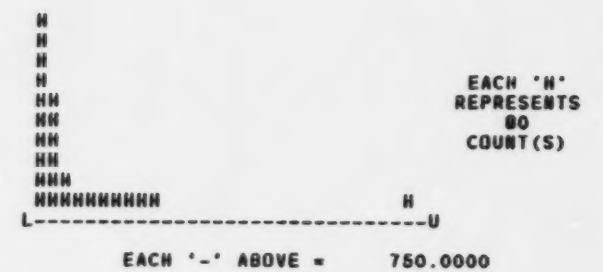
VARIABLE NUMBER	5	MAXIMUM	22100.0000000
NUMBER OF DISTINCT VALUES .	147	MINIMUM	50.0000000
NUMBER OF VALUES COUNTED. .	1541	RANGE	22050.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	1136529.0000000
		ST.DEV.	1066.0815430
		(Q3-Q1)/2	415.0000000
		MX.ST.SC.	19.75
		MN.ST.SC.	-0.94

LOCATION ESTIMATES

		ST.ERROR
MEAN	1049.4204102	27.1574554
MEDIAN	750.0000000	17.3205109
MODE	1100.0000000	



EACH '-' ABOVE = 750.0000
L= 0.0
U= 23250.0000
CASE NO. OF MIN. VAL. = 1021
CASE NO. OF MAX. VAL. = 428

	VALUE	VALUE/S.E.
SKEWNESS	6.64	106.44
KURTOSIS	102.39	820.43

Q1= 470.0000000
Q3= 1300.0000000
S-= -16.6611328
S+= 2116.5019531

EACH '.' BELOW = 200.0000

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
50.	1	0.1	0.1	430.	16	1.0	21.0	800.	14	0.9	55.5	2500.	13	0.8	93.7
80.	2	0.1	0.2	440.	18	1.2	22.1	810.	10	0.6	56.1	2600.	4	0.3	94.0
90.	5	0.3	0.5	450.	17	1.1	23.2	820.	11	0.7	56.8	2700.	8	0.5	94.5
100.	2	0.1	0.6	460.	14	0.9	24.1	830.	5	0.3	57.2	2800.	7	0.5	94.9
110.	2	0.1	0.8	470.	15	1.0	25.1	840.	6	0.4	57.6	2900.	5	0.3	95.3
120.	6	0.4	1.2	480.	15	1.0	26.1	850.	9	0.6	58.1	3000.	4	0.3	95.5
130.	5	0.3	1.5	490.	9	0.6	26.7	860.	13	0.8	59.0	3100.	10	0.6	96.2
140.	3	0.2	1.7	500.	10	0.6	27.3	870.	5	0.3	59.3	3200.	6	0.4	96.6
150.	2	0.1	1.8	510.	14	0.9	28.2	880.	10	0.6	60.0	3300.	5	0.3	96.9
160.	8	0.5	2.3	520.	15	1.0	29.2	890.	10	0.6	60.6	3400.	3	0.2	97.1
170.	6	0.4	2.7	530.	20	1.3	30.5	900.	5	0.3	60.9	3500.	4	0.3	97.3
180.	12	0.8	3.5	540.	15	1.0	31.5	910.	10	0.6	61.6	3600.	2	0.1	97.5
190.	5	0.3	3.8	550.	19	1.2	32.7	920.	6	0.4	62.0	3700.	2	0.1	97.6
200.	7	0.5	4.3	560.	20	1.3	34.0	930.	3	0.2	62.2	3800.	4	0.3	97.9
210.	7	0.5	4.7	570.	21	1.4	35.4	940.	4	0.3	62.4	3900.	3	0.2	98.1
220.	11	0.7	5.5	580.	10	0.6	36.0	950.	5	0.3	62.8	4000.	3	0.2	98.2
230.	5	0.3	5.8	590.	18	1.2	37.2	960.	7	0.5	63.2	4200.	1	0.1	98.3
240.	6	0.4	6.2	600.	13	0.8	38.0	970.	7	0.5	63.7	4300.	1	0.1	98.4
250.	8	0.5	6.7	610.	18	1.2	39.2	980.	5	0.3	64.0	4400.	2	0.1	98.5
260.	8	0.5	7.2	620.	14	0.9	40.1	990.	13	0.8	64.8	4500.	2	0.1	98.6
270.	12	0.8	8.0	630.	19	1.2	41.3	1000.	31	2.0	66.8	4600.	1	0.1	98.7
280.	9	0.6	8.6	640.	15	1.0	42.3	1100.	63	4.1	70.9	4700.	2	0.1	98.8
290.	12	0.8	9.3	650.	14	0.9	43.2	1200.	44	2.9	73.8	4800.	1	0.1	98.9

300.	11	0.7	10.1	650.	15	1.0	44.2	1240.	1	0.1	73.8	4900.	1	0.1	99.0
310.	11	0.7	10.8	670.	12	0.8	45.0	1260.	1	0.1	73.9	5100.	2	0.1	99.1
320.	9	0.6	11.4	680.	14	0.9	45.9	1300.	32	2.1	76.0	5400.	1	0.1	99.2
330.	15	1.0	12.3	690.	11	0.7	46.6	1400.	50	3.2	79.2	5500.	2	0.1	99.3
340.	8	0.5	12.8	700.	10	0.6	47.2	1500.	39	2.5	81.8	5700.	1	0.1	99.4
350.	14	0.9	13.8	710.	13	0.8	48.1	1600.	34	2.2	84.0	5800.	1	0.1	99.4
360.	18	1.2	14.9	720.	11	0.7	48.8	1700.	26	1.7	85.7	5900.	3	0.2	99.6
370.	8	0.5	15.4	730.	7	0.5	49.3	1800.	33	2.1	87.8	6300.	1	0.1	99.7
377.	1	0.1	15.5	740.	10	0.6	49.9	1900.	18	1.2	89.0	6400.	1	0.1	99.7
380.	12	0.8	16.3	750.	23	1.5	51.4	2000.	13	0.8	89.8	6800.	1	0.1	99.8
390.	5	0.3	16.6	760.	9	0.6	52.0	2100.	12	0.8	90.6	6900.	1	0.1	99.9
400.	19	1.2	17.8	770.	18	1.2	53.1	2200.	8	0.5	91.1	7200.	1	0.1	99.9
410.	12	0.8	18.6	780.	12	0.8	53.9	2300.	14	0.9	92.0	22100.	1	0.1	100.0
420.	20	1.3	19.9	790.	10	0.6	54.6	2400.	13	0.8	92.9				

PAGE 6 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET 771 21 0/3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*************
* IRONPCNT *
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VARIABLE NUMBER . . . . . .          6      MAXIMUM        9.4399996
NUMBER OF DISTINCT VALUES .        271      MINIMUM        0.2900000
NUMBER OF VALUES COUNTED. .       1541      RANGE          9.1499996
NUMBER OF VALUES NOT COUNTED         0      VARIANCE       0.3581652
                                            ST.DEV.        0.5984691
                                            (Q3-Q1)/2      0.3699999
                                            MX.ST.SC.     12.31
                                            MN.ST.SC.     -2.98

LOCATION ESTIMATES                                 ST.ERROR
              MEAN              2.0742483       0.0152455
              MEDIAN            2.1299992       0.0144338
              MODE              NOT UNIQUE

          H
         HH
         HHH
         HHH                                EACH 'H'
        HHHH                               REPRESENTS
        HHHH                                   36
       HHHHHH                                COUNT(S)
       HHHHHH
     HHHHHHHHH
    HHHHHHHHHHHHHH               H
  L------------------------------U

       EACH '-' ABOVE =       0.3000
                    L=        0.3000
                    U=        9.6000
  CASE NO. OF MIN. VAL. =  160
  CASE NO. OF MAX. VAL. =  915

                                                     Q1=   1.7199993
                     VALUE    VALUE/S.E.             Q3=   2.4599991
  SKEWNESS            0.80       12.77               S-=   1.4757786
  KURTOSIS           14.57      116.75               S+=   2.6727171

                     EACH '.' BELOW =       0.0750

            S   Q        Q  S
            -   1   MM   3  +                                        M
I..................EE........................................................A
N                  AD                                                X
                   NI
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VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.2900	1	0.1	0.1	1.2700	1	0.1	9.6	1.9500	10	0.6	36.8	2.6300	7	0.5	85.5
0.3000	1	0.1	0.1	1.2800	7	0.5	10.1	1.9600	13	0.8	37.6	2.6400	9	0.6	86.1
0.3200	1	0.1	0.2	1.2900	7	0.5	10.5	1.9700	9	0.6	38.2	2.6500	8	0.5	86.6
0.3500	1	0.1	0.3	1.3000	3	0.2	10.7	1.9800	9	0.6	38.8	2.6600	6	0.4	87.0
0.3900	1	0.1	0.3	1.3100	5	0.3	11.0	1.9900	4	0.3	39.1	2.6700	8	0.5	87.5
0.4800	1	0.1	0.4	1.3200	1	0.1	11.1	2.0000	6	0.4	39.5	2.6800	7	0.5	88.0
0.4900	1	0.1	0.5	1.3300	4	0.3	11.4	2.0100	8	0.5	40.0	2.6900	4	0.3	88.3
0.5100	2	0.1	0.6	1.3400	3	0.2	11.6	2.0200	11	0.7	40.7	2.7000	12	0.8	89.0
0.5300	1	0.1	0.6	1.3500	3	0.2	11.7	2.0300	11	0.7	41.4	2.7100	6	0.4	89.4
0.5400	1	0.1	0.7	1.3600	4	0.3	12.0	2.0400	11	0.7	42.1	2.7200	10	0.6	90.1
0.5500	1	0.1	0.8	1.3700	4	0.3	12.3	2.0500	10	0.6	42.8	2.7300	5	0.3	90.4
0.6000	3	0.2	1.0	1.3800	5	0.3	12.6	2.0600	15	1.0	43.7	2.7400	8	0.5	90.9
0.6100	1	0.1	1.0	1.3900	2	0.1	12.7	2.0700	15	1.0	44.7	2.7500	5	0.3	91.2
0.6200	3	0.2	1.2	1.4000	2	0.1	12.8	2.0800	9	0.6	45.3	2.7600	2	0.1	91.4
0.6300	2	0.1	1.4	1.4100	2	0.1	13.0	2.0900	19	1.2	46.5	2.7700	8	0.5	91.9
0.6400	1	0.1	1.4	1.4200	3	0.2	13.2	2.1000	15	1.0	47.5	2.7800	10	0.6	92.5
0.6500	2	0.1	1.6	1.4300	1	0.1	13.2	2.1100	16	1.0	48.5	2.7900	5	0.3	92.9
0.6700	1	0.1	1.6	1.4400	1	0.1	13.3	2.1200	13	0.8	49.4	2.8000	1	0.1	92.9
0.6900	1	0.1	1.7	1.4500	4	0.3	13.6	2.1300	16	1.0	50.4	2.8100	3	0.2	93.1
0.7000	3	0.2	1.9	1.4600	6	0.4	14.0	2.1400	15	1.0	51.4	2.8200	3	0.2	93.3
0.7100	1	0.1	1.9	1.4700	6	0.4	14.3	2.1500	12	0.8	52.2	2.8300	6	0.4	93.7
0.7200	2	0.1	2.1	1.4800	2	0.1	14.5	2.1600	10	0.6	52.8	2.8400	6	0.4	94.1
0.7500	1	0.1	2.1	1.4900	6	0.4	14.9	2.1700	6	0.4	53.2	2.8500	5	0.3	94.4

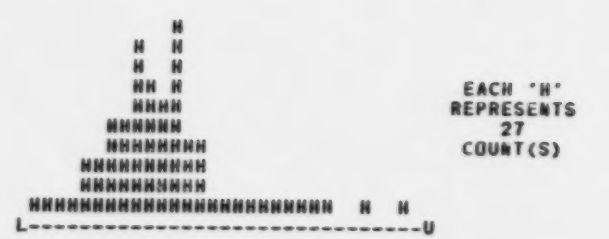
0.7400	1	0.1	2.2	1.5000	6	0.4	15.2	2.1800	7	0.5	53.7	2.8600	3	0.2	94.6
0.7500	1	0.1	2.3	1.5100	5	0.3	15.6	2.1900	8	0.5	54.2	2.8700	3	0.2	94.8
0.7600	3	0.2	2.5	1.5200	8	0.5	16.1	2.2000	11	0.7	54.9	2.8800	2	0.1	94.9
0.7800	1	0.1	2.5	1.5300	6	0.4	16.5	2.2100	15	1.0	55.9	2.8900	3	0.2	95.1
0.7900	2	0.1	2.7	1.5400	9	0.6	17.1	2.2200	16	1.0	56.9	2.9000	4	0.3	95.4
0.8000	4	0.3	2.9	1.5500	4	0.3	17.3	2.2300	11	0.7	57.6	2.9100	4	0.3	95.7
0.8100	2	0.1	3.0	1.5600	4	0.3	17.6	2.2400	8	0.5	58.1	2.9200	4	0.3	95.9
0.8200	1	0.1	3.1	1.5700	5	0.3	17.9	2.2500	11	0.7	58.9	2.9300	2	0.1	96.0
0.8300	2	0.1	3.2	1.5800	16	1.0	18.9	2.2600	15	1.0	59.8	2.9400	2	0.1	96.2
0.8400	3	0.2	3.4	1.5900	6	0.4	19.3	2.2700	14	0.9	60.7	2.9500	2	0.1	96.3
0.8500	4	0.3	3.7	1.6000	2	0.1	19.5	2.2800	9	0.6	61.3	2.9600	1	0.1	96.4
0.8600	4	0.3	4.0	1.6100	2	0.1	19.6	2.2900	16	1.0	62.4	2.9700	2	0.1	96.5
0.8700	2	0.1	4.1	1.6200	7	0.5	20.1	2.3000	16	1.0	63.4	2.9800	1	0.1	96.6
0.8800	3	0.2	4.3	1.6300	5	0.3	20.4	2.3100	8	0.5	63.9	2.9900	1	0.1	96.6
0.8900	3	0.2	4.5	1.6400	10	0.6	21.0	2.3200	14	0.9	64.8	3.0000	4	0.3	96.9
0.9000	1	0.1	4.5	1.6500	6	0.4	21.4	2.3300	11	0.7	65.5	3.0100	3	0.2	97.1
0.9200	3	0.2	4.7	1.6600	4	0.3	21.7	2.3400	15	1.0	66.5	3.0200	2	0.1	97.2
0.9400	3	0.2	4.9	1.6700	6	0.4	22.1	2.3500	20	1.3	67.8	3.0300	4	0.3	97.5
0.9500	2	0.1	5.1	1.6800	9	0.6	22.6	2.3600	12	0.8	68.6	3.0400	2	0.1	97.6
0.9700	5	0.3	5.4	1.6900	11	0.7	23.4	2.3700	13	0.8	69.4	3.0500	1	0.1	97.7
0.9800	1	0.1	5.5	1.7000	6	0.4	23.8	2.3800	10	0.6	70.1	3.0700	4	0.3	97.9
0.9900	3	0.2	5.6	1.7100	8	0.5	24.3	2.3900	6	0.4	70.5	3.0800	3	0.2	98.1
1.0100	1	0.1	5.7	1.7200	12	0.8	25.0	2.4000	7	0.5	70.9	3.0900	1	0.1	98.2
1.0200	4	0.3	6.0	1.7300	4	0.3	25.3	2.4100	9	0.6	71.5	3.1000	1	0.1	98.2
1.0300	2	0.1	6.1	1.7400	7	0.5	25.8	2.4200	7	0.5	72.0	3.1100	1	0.1	98.3
1.0400	1	0.1	6.2	1.7500	5	0.3	26.1	2.4300	20	1.3	73.3	3.1400	1	0.1	98.4
1.0500	2	0.1	6.3	1.7600	12	0.8	26.9	2.4400	10	0.6	73.9	3.1600	1	0.1	98.4
1.0700	4	0.3	6.6	1.7700	5	0.3	27.2	2.4500	10	0.6	74.6	3.1700	1	0.1	98.5
1.0800	2	0.1	6.7	1.7800	11	0.7	27.9	2.4600	11	0.7	75.3	3.1900	4	0.3	98.8
1.1000	3	0.2	6.9	1.7900	4	0.3	28.2	2.4700	9	0.6	75.9	3.2000	1	0.1	98.8
1.1100	2	0.1	7.0	1.8000	9	0.6	28.7	2.4800	10	0.6	76.5	3.2100	1	0.1	98.9
1.1200	2	0.1	7.1	1.8100	5	0.3	29.1	2.4900	16	1.0	77.5	3.2200	1	0.1	99.0
1.1300	1	0.1	7.2	1.8200	9	0.6	29.7	2.5000	10	0.6	78.2	3.2600	1	0.1	99.0
1.1400	2	0.1	7.3	1.8300	10	0.6	30.3	2.5100	15	1.0	79.2	3.3000	4	0.3	99.3
1.1600	3	0.2	7.5	1.8400	11	0.7	31.0	2.5200	11	0.7	79.9	3.3200	1	0.1	99.4
1.1700	3	0.2	7.7	1.8500	8	0.5	31.5	2.5300	9	0.6	80.5	3.3300	1	0.1	99.4
1.1800	4	0.3	8.0	1.8600	8	0.5	32.1	2.5400	10	0.6	81.1	3.3500	1	0.1	99.5
1.1900	2	0.1	8.1	1.8700	3	0.2	32.3	2.5500	4	0.3	81.4	3.3800	2	0.1	99.6
1.2000	1	0.1	8.2	1.8800	7	0.5	32.7	2.5600	9	0.6	82.0	3.3900	1	0.1	99.7
1.2100	4	0.3	8.4	1.8900	7	0.5	33.2	2.5700	13	0.8	82.8	3.5400	1	0.1	99.7
1.2200	5	0.3	8.8	1.9000	7	0.5	33.6	2.5800	11	0.7	83.5	3.8000	1	0.1	99.8
1.2300	3	0.2	9.0	1.9100	16	1.0	34.7	2.5900	5	0.3	83.8	3.9100	1	0.1	99.9
1.2400	5	0.3	9.3	1.9200	4	0.3	34.9	2.6000	8	0.5	84.4	4.2000	1	0.1	99.9
1.2500	2	0.1	9.4	1.9300	9	0.6	35.5	2.6100	6	0.4	84.8	9.4400	1	0.1	100.0
1.2600	2	0.1	9.5	1.9400	10	0.6	36.1	2.6200	5	0.3	85.1				

COBALT

VARIABLE NUMBER	7	MAXIMUM	46.0000000
NUMBER OF DISTINCT VALUES	35	MINIMUM	3.0000000
NUMBER OF VALUES COUNTED	1541	RANGE	43.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	21.0325775
		ST.DEV.	4.5861301
		(Q3-Q1)/2	2.5000000
		MX.ST.SC.	6.55
		MN.ST.SC.	-2.83

LOCATION ESTIMATES

		ST.ERROR
MEAN	15.9578190	0.1168275
MEDIAN	16.0000000	0.0
MODE	16.0000000	



EACH '-' ABOVE = 1.5000
L= 1.5000
U= 48.0000
CASE NO. OF MIN. VAL. = 1540
CASE NO. OF MAX. VAL. = 593

	VALUE	VALUE/S.E.
SKEWNESS	0.65	10.40
KURTOSIS	3.52	28.23

Q1= 13.0000000
Q3= 18.0000000
S-= 11.3716888
S+= 20.5439453

EACH '.' BELOW = 0.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
3.	1	0.1	0.1	12.	70	4.5	19.8	21.	74	4.8	92.7	32.	1	0.1	99.4
4.	1	0.1	0.1	13.	111	7.2	27.0	22.	29	1.9	94.6	33.	2	0.1	99.5
5.	18	1.2	1.3	14.	126	8.2	35.2	23.	24	1.6	96.2	34.	2	0.1	99.6
6.	4	0.3	1.6	15.	116	7.5	42.7	24.	13	0.8	97.0	35.	2	0.1	99.7
7.	26	1.7	3.2	16.	184	11.9	54.6	25.	9	0.6	97.6	36.	1	0.1	99.8
8.	37	2.4	5.6	17.	159	10.3	65.0	26.	11	0.7	98.3	41.	1	0.1	99.9
9.	27	1.8	7.4	18.	156	10.1	75.1	27.	7	0.5	98.8	45.	1	0.1	99.9
10.	69	4.5	11.9	19.	111	7.2	82.3	29.	4	0.3	99.0	46.	1	0.1	100.0
11.	52	3.4	16.2	20.	87	5.6	87.9	30.	4	0.3	99.3				

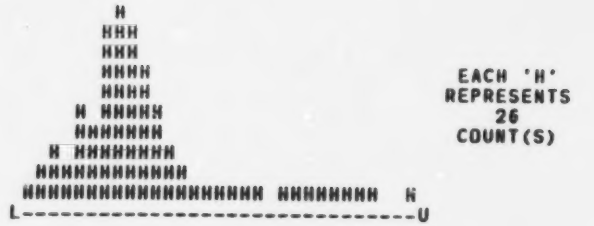
NICKEL

VARIABLE NUMBER	8
NUMBER OF DISTINCT VALUES	100
NUMBER OF VALUES COUNTED	1541
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	155.0000000
MINIMUM	7.0000000
RANGE	148.0000000
VARIANCE	299.4230957
ST.DEV.	17.3038483
(Q3-Q1)/2	9.0000000
MX.ST.SC.	6.37
MN.ST.SC.	-2.18

LOCATION ESTIMATES

		ST.ERROR
MEAN	44.7793579	0.4407998
MEDIAN	44.0000000	0.2886752
MODE	NOT UNIQUE	



EACH '-' ABOVE = 5.0000
L= 5.0000
U= 159.9999
CASE NO. OF MIN. VAL. = 1216
CASE NO. OF MAX. VAL. = 806

	VALUE	VALUE/S.E.
SKEWNESS	1.27	20.30
KURTOSIS	4.83	38.72

Q1= 35.0000000
Q3= 53.0000000
S-= 27.4755096
S+= 62.0832062

EACH '.' BELOW = 1.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
7.	1	0.1	0.1	32.	22	1.4	19.3	57.	20	1.3	83.3	83.	5	0.3	97.5
8.	1	0.1	0.1	33.	39	2.5	21.8	58.	22	1.4	84.7	84.	2	0.1	97.6
9.	2	0.1	0.3	34.	16	1.0	22.8	59.	19	1.2	85.9	85.	5	0.3	97.9
10.	6	0.4	0.6	35.	40	2.6	25.4	60.	12	0.8	86.7	86.	1	0.1	98.0
11.	9	0.6	1.2	36.	39	2.5	28.0	61.	18	1.2	87.9	87.	2	0.1	98.1
12.	5	0.3	1.6	37.	41	2.7	30.6	62.	12	0.8	88.6	88.	2	0.1	98.2
13.	14	0.9	2.5	38.	45	2.9	33.5	63.	24	1.6	90.2	91.	1	0.1	98.3
14.	12	0.8	3.2	39.	44	2.9	36.4	64.	5	0.3	90.5	92.	2	0.1	98.4
15.	4	0.3	3.5	40.	58	3.8	40.2	65.	13	0.8	91.4	94.	1	0.1	98.5
16.	14	0.9	4.4	41.	39	2.5	42.7	66.	4	0.3	91.6	95.	2	0.1	98.6
17.	13	0.8	5.3	42.	54	3.5	46.2	67.	12	0.8	92.4	99.	1	0.1	98.7
18.	13	0.8	6.1	43.	44	2.9	49.1	68.	12	0.8	93.2	105.	1	0.1	98.8
19.	11	0.7	6.8	44.	60	3.9	53.0	69.	11	0.7	93.9	107.	1	0.1	98.8
20.	6	0.4	7.2	45.	60	3.9	56.8	70.	6	0.4	94.3	109.	3	0.2	99.0
21.	8	0.5	7.7	46.	45	2.9	59.8	71.	5	0.3	94.6	111.	3	0.2	99.2
22.	7	0.5	8.2	47.	52	3.4	63.1	72.	3	0.2	94.8	112.	1	0.1	99.3
23.	9	0.6	8.8	48.	41	2.7	65.8	73.	6	0.4	95.2	116.	1	0.1	99.4
24.	6	0.4	9.1	49.	32	2.1	67.9	74.	6	0.4	95.6	119.	1	0.1	99.4
25.	11	0.7	9.9	50.	43	2.8	70.7	75.	5	0.3	95.9	122.	2	0.1	99.5
26.	16	1.0	10.9	51.	36	2.3	72.9	76.	5	0.3	96.2	129.	1	0.1	99.6
27.	21	1.4	12.3	52.	31	2.0	75.0	78.	2	0.1	96.4	131.	1	0.1	99.7
28.	17	1.1	13.4	53.	33	2.1	77.1	79.	3	0.2	96.6	133.	2	0.1	99.8
29.	28	1.8	15.2	54.	23	1.5	78.6	80.	3	0.2	96.8	156.	1	0.1	99.9

30.	23	1.5	16.7		55.	25	1.6	80.2		81.	3	0.2	97.0		141.	1	0.1	99.9
31.	18	1.2	17.8		56.	27	1.8	82.0		82.	3	0.2	97.1		155.	1	0.1	100.0

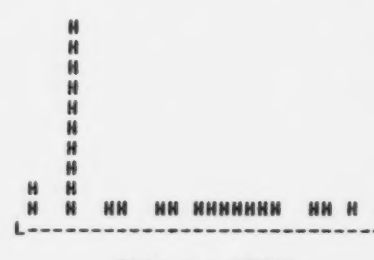
****
* SILVER *
****

VARIABLE NUMBER	9
NUMBER OF DISTINCT VALUES .	20
NUMBER OF VALUES COUNTED. .	1541
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	5.0000000
MINIMUM	0.5000000
RANGE	4.5000000
VARIANCE	0.1276867
ST.DEV.	0.3573329
(Q3-Q1)/2	0.0
MX.ST.SC.	11.22
MN.ST.SC.	-1.37

LOCATION ESTIMATES

		ST.ERROR
MEAN	0.9903945	0.0091027
MEDIAN	1.0000000	0.0
MODE	1.0000000	



EACH '-' ABOVE = 0.1500
L= 0.4500
U= 5.1000
CASE NO. OF MIN. VAL. = 8
CASE NO. OF MAX. VAL. = 1200

	VALUE	VALUE/S.E.
SKEWNESS	5.05	80.94
KURTOSIS	43.70	350.16

Q1= 1.0000000
Q3= 1.0000000
S-= 0.6330616
S+= 1.3477268

EACH '.' BELOW = 0.0500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.5000	200	13.0	13.0	2.1000	1	0.1	98.8	2.9000	2	0.1	99.3	4.0000	2	0.1	99.7
1.0000	1255	81.4	94.4	2.2000	2	0.1	98.9	3.1000	1	0.1	99.4	4.2000	1	0.1	99.8
1.4000	1	0.1	94.5	2.4000	2	0.1	99.0	3.2000	2	0.1	99.5	4.7000	1	0.1	99.9
1.5000	52	3.4	97.9	2.6000	1	0.1	99.1	3.3000	1	0.1	99.5	4.8000	1	0.1	99.9
2.0000	13	0.8	98.7	2.8000	1	0.1	99.2	3.8000	1	0.1	99.6	5.0000	1	0.1	100.0

****
* MOLYBDEN *
****

VARIABLE NUMBER	10	MAXIMUM	4.0000000
NUMBER OF DISTINCT VALUES .	2	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	1538	RANGE	2.0000000
NUMBER OF VALUES NOT COUNTED	3	VARIANCE	0.0051982
		ST.DEV.	0.0720984
		(Q3-Q1)/2	0.0
		MX.ST.SC.	27.70
		MN.ST.SC.	-0.04

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0026007	0.0018384
MEDIAN	2.0000000	0.0
MODE	2.0000000	

EACH 'H' REPRESENTS 154 COUNT(S)

EACH '-' ABOVE = 0.0750
L= 1.8750
U= 4.2000

CASE NO. OF MIN. VAL. = 1
CASE NO. OF MAX. VAL. = 147

	VALUE	VALUE/S.E.
SKEWNESS	27.65	442.68
KURTOSIS	763.01	6108.01

Q1= 2.0000000
Q3= 2.0000000
S-= 1.9305019
S+= 2.0746984

EACH '.' BELOW = 0.0200

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2.	1536	99.9	99.9	4.	2	0.1	100.0

****
* URANIUM *
****

VARIABLE NUMBER	11
NUMBER OF DISTINCT VALUES .	78
NUMBER OF VALUES COUNTED. .	500
NUMBER OF VALUES NOT COUNTED	1041

MAXIMUM	35.6999969
MINIMUM	0.4000000
RANGE	35.2999878
VARIANCE	5.5633516
ST.DEV.	2.3586760
(Q3-Q1)/2	0.9000001
MX.ST.SC.	13.64
MN.ST.SC.	-1.33

LOCATION ESTIMATES

		ST.ERROR
MEAN	3.5315838	0.1054831
MEDIAN	3.0000000	0.0866026
MODE	2.2999992	

```
H
H
H
H                                   EACH 'H'
HH                                  REPRESENTS
HH                                    25
HH                                  COUNT(S)
HHH
HHH
HHHHHHHHHH H          H
L-----------------------------U
```

EACH '-' ABOVE = 1.5000
L= 0.0
U= 46.5000
CASE NO. OF MIN. VAL. = 560
CASE NO. OF MAX. VAL. = 1215

	VALUE	VALUE/S.E.
SKEWNESS	6.30	57.54
KURTOSIS	71.44	326.05

Q1= 2.2999992
Q3= 4.0999994
S-= 1.1729078
S+= 5.8902597

EACH '.' BELOW = 0.3000

```
  S   Q     Q     S
M -   M M M 3     +
I.....D.E.E.....................................................................M
N     D D A                                                                    A
      E I N                                                                    X
```

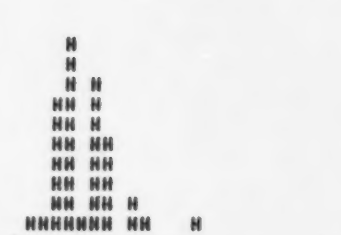
VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.4000	1	0.2	0.2	3.0000	13	2.6	52.0	5.0000	1	0.2	86.0	7.3000	1	0.2	96.2
1.0000	1	0.2	0.4	3.1000	15	3.0	55.0	5.1000	6	1.2	87.2	7.4000	1	0.2	96.4
1.1000	1	0.2	0.6	3.2000	14	2.8	57.8	5.2000	3	0.6	87.8	7.6000	1	0.2	96.6
1.3000	2	0.4	1.0	3.3000	14	2.8	60.6	5.4000	2	0.4	88.2	7.8000	1	0.2	96.8
1.4000	2	0.4	1.4	3.4000	10	2.0	62.6	5.5000	3	0.6	88.8	8.1000	1	0.2	97.0
1.5000	4	0.8	2.2	3.5000	13	2.6	65.2	5.6000	5	1.0	89.8	8.3000	2	0.4	97.4
1.6000	9	1.8	4.0	3.6000	13	2.6	67.8	5.7000	5	1.0	90.8	8.6000	1	0.2	97.6
1.7000	14	2.8	6.8	3.7000	7	1.4	69.2	5.8000	1	0.2	91.0	8.8000	1	0.2	97.8
1.8000	10	2.0	8.8	3.8000	6	1.2	70.4	5.9000	4	0.8	91.8	8.9000	1	0.2	98.0
1.9000	18	3.6	12.4	3.9000	14	2.8	73.2	6.0000	3	0.6	92.4	9.2000	2	0.4	98.4
2.0000	15	3.0	15.4	4.0000	5	1.0	74.2	6.1000	1	0.2	92.6	9.6000	1	0.2	98.6
2.1000	19	3.8	19.2	4.1000	9	1.8	76.0	6.2000	2	0.4	93.0	9.9000	1	0.2	98.8
2.2000	18	3.6	22.8	4.2000	7	1.4	77.4	6.3000	3	0.6	93.6	12.0000	1	0.2	99.0
2.3000	27	5.4	28.2	4.3000	4	0.8	78.2	6.5000	2	0.4	94.0	13.4000	1	0.2	99.2
2.4000	21	4.2	32.4	4.4000	8	1.6	79.8	6.6000	2	0.4	94.4	13.8000	1	0.2	99.4
2.5000	24	4.8	37.2	4.5000	6	1.2	81.0	6.7000	1	0.2	94.6	13.7000	1	0.2	99.6
2.6000	15	3.0	40.2	4.6000	7	1.4	82.4	6.8000	1	0.2	94.8	16.9000	1	0.2	99.8
2.7000	20	4.0	44.2	4.7000	3	0.6	83.0	6.9000	2	0.4	95.2	35.7000	1	0.2	100.0
2.8000	12	2.4	46.6	4.8000	6	1.2	84.2	7.1000	2	0.4	95.6				
2.9000	14	2.8	49.4	4.9000	8	1.6	85.8	7.2000	2	0.4	96.0				

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	80.0000000
NUMBER OF DISTINCT VALUES .	13	MINIMUM	2.0000000
NUMBER OF VALUES COUNTED. .	1537	RANGE	78.0000000
NUMBER OF VALUES NOT COUNTED	4	VARIANCE	35.0962219
		ST.DEV.	5.9242077
		(Q3-Q1)/2	2.0000000
		MX.ST.SC.	11.11
		MN.ST.SC.	-2.06

LOCATION ESTIMATES

		ST.ERROR
MEAN	14.1977873	0.1511101
MEDIAN	12.0000000	0.0
MODE	12.0000000	



EACH '-' ABOVE = 3.0000
L= 0.0
U= 92.9999
CASE NO. OF MIN. VAL. = 9
CASE NO. OF MAX. VAL. = 116

	VALUE	VALUE/S.E.
SKEWNESS	2.33	37.26
KURTOSIS	20.01	160.12

Q1= 12.0000000
Q3= 16.0000000
S-= 8.2735796
S+= 20.1219940

EACH '.' BELOW = 0.7500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2.	5	0.3	0.3	12.	472	30.7	53.5	20.	220	14.3	92.4	80.	2	0.1	100.0
4.	45	2.9	3.3	14.	1	0.1	53.6	24.	84	5.5	97.9				
6.	1	0.1	3.3	16.	374	24.3	77.9	28.	24	1.6	99.4				
8.	300	19.5	22.8	18.	2	0.1	78.1	40.	7	0.5	99.9				

21 O/3 WEST

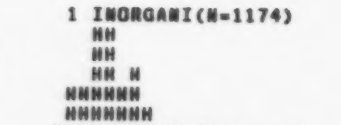
1. STATISTICS 2

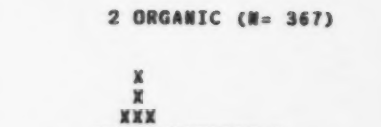
DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.18	0.0297	648.1
T (POOLED)	2.10	0.0355	1539
F(FOR VARIANCES) LEVENE	4.91	0.0268	1,1539

GROUP	1 INORGANI	2 ORGANIC
MEAN	13.0236	12.2996
STD DEV	5.8384	5.4644
S.E.M.	0.1704	0.2852
SAMPLE SIZE	1174	367
MAXIMUM	54.0000	39.0000
MINIMUM	1.0000	2.0000

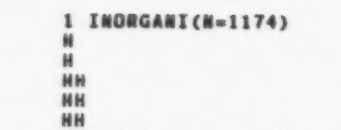


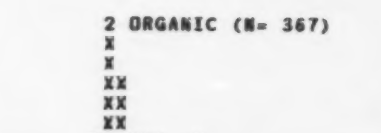


****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.14	0.8866	799.9
T (POOLED)	-0.12	0.9017	1539
F(FOR VARIANCES) LEVENE	0.00	0.9561	1,1539

GROUP	1 INORGANI	2 ORGANIC
MEAN	25.6815	25.7507
STD DEV	9.8837	7.4825
S.E.M.	0.2885	0.3906
SAMPLE SIZE	1174	367
MAXIMUM	209.0000	95.0000
MINIMUM	5.0000	12.0000

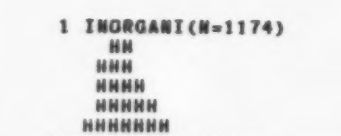


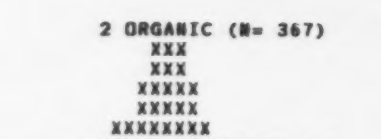


****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.86	0.0045	560.0
T (POOLED)	-3.03	0.0025	1539
F(FOR VARIANCES) LEVENE	3.36	0.0671	1,1539

GROUP	1 INORGANI	2 ORGANIC
MEAN	76.6089	80.8516
STD DEV	22.7298	25.4747
S.E.M.	0.6634	1.3298
SAMPLE SIZE	1174	367
MAXIMUM	190.0000	218.0000
MINIMUM	12.0000	12.0000

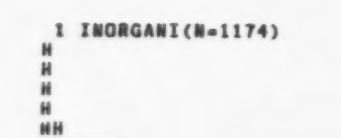


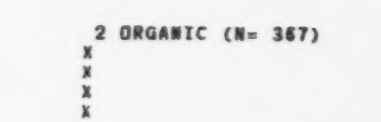


****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.33	0.0201	441.9
T (POOLED)	-3.07	0.0021	1539
F(FOR VARIANCES) LEVENE	25.54	0.0000	1,1539

GROUP	1 INORGANI	2 ORGANIC
MEAN	1002.8069	1198.3081
STD DEV	867.5147	1529.7195
S.E.M.	25.3217	79.8507
SAMPLE SIZE	1174	367
MAXIMUM	7200.0000	22100.0000
MINIMUM	50.0000	80.0000



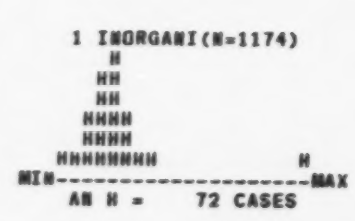


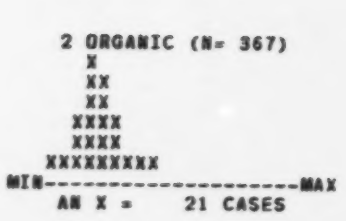
DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.02	0.3095	627.3
T (POOLED)	1.00	0.3167	1539
F(FOR VARIANCES) LEVENE	0.12	0.7305	1,1539

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0826	2.0467
STD DEV	0.6026	0.5852
S.E.M.	0.0176	0.0305
SAMPLE SIZE	1174	367
MAXIMUM	9.4400	4.2000
MINIMUM	0.9500	0.2900

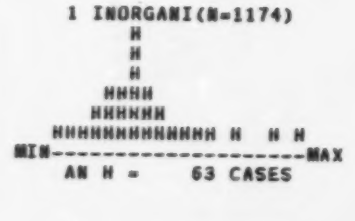


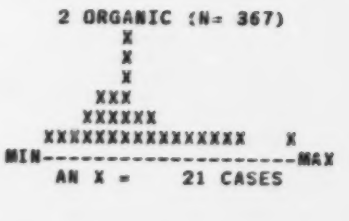


****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.39	0.0170	521.8
T (POOLED)	-2.68	0.0074	1539
F(FOR VARIANCES) LEVENE	6.90	0.0087	1,1539

GROUP	1 INORGANI	2 ORGANIC
MEAN	15.7825	16.5165
STD DEV	4.3037	5.3589
S.E.M.	0.1256	0.2797
SAMPLE SIZE	1174	367
MAXIMUM	45.0000	46.0000
MINIMUM	4.0000	3.0000

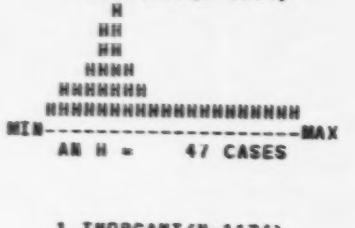


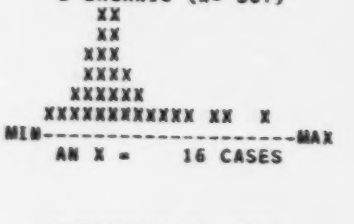


****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.89	0.3238	744.7
T (POOLED)	0.89	0.3761	1539
F(FOR VARIANCES) LEVENE	11.90	0.0006	1,1539

GROUP	1 INORGANI	2 ORGANIC
MEAN	44.9939	44.0777
STD DEV	18.0579	14.6333
S.E.M.	0.5270	0.7639
SAMPLE SIZE	1174	367
MAXIMUM	155.0000	133.0000
MINIMUM	7.0000	10.0000

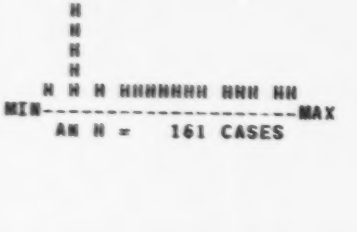


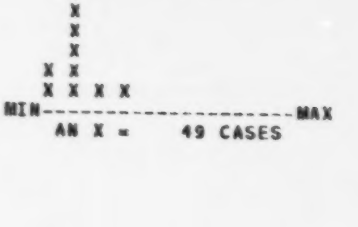


****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.92	0.0036	957.1
T (POOLED)	2.34	0.0195	1539
F(FOR VARIANCES) LEVENE	1.12	0.2893	1,1539

GROUP	1 INORGANI	2 ORGANIC
MEAN	1.0022	0.9523
STD DEV	0.3846	0.2475
S.E.M.	0.0112	0.0129
SAMPLE SIZE	1174	367
MAXIMUM	5.0000	2.0000
MINIMUM	0.5000	0.5000



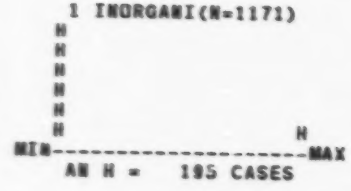


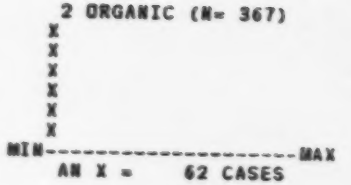
DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.32	0.1881	1170.0
T (POOLED)	0.74	0.4611	1536
F(FOR VARIANCES)			
LEVENE	2.35	0.1259	1,1536

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0032	2.0000
STD DEV	0.0826	0.0
S.E.M.	0.0024	0.0
SAMPLE SIZE	1171	367
MAXIMUM	4.0000	2.0000
MINIMUM	2.0000	2.0000

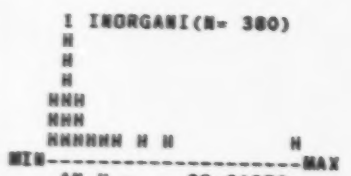


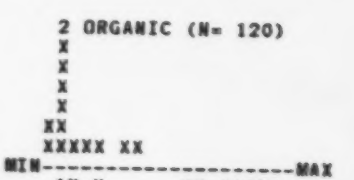


****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.80	0.0055	286.2
T (POOLED)	2.33	0.0201	498
F(FOR VARIANCES)			
LEVENE	3.98	0.0465	1, 498

GROUP	1 INORGANI	2 ORGANIC
MEAN	3.6691	3.0958
STD DEV	2.5075	1.7469
S.E.M.	0.1286	0.1595
SAMPLE SIZE	380	120
MAXIMUM	35.7000	13.4000
MINIMUM	1.1000	0.4000

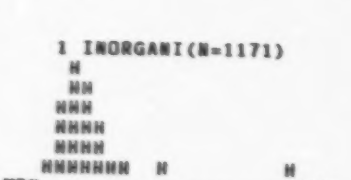


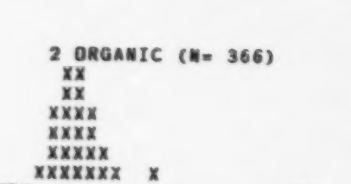


****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.22	0.0268	626.8
T (POOLED)	-2.18	0.0292	1535
F(FOR VARIANCES)			
LEVENE	1.66	0.1976	1,1535

GROUP	1 INORGANI	2 ORGANIC
MEAN	14.0132	14.7868
STD DEV	5.9503	5.7750
S.E.M.	0.1742	0.3019
SAMPLE SIZE	1171	366
MAXIMUM	80.0000	40.0000
MINIMUM	2.0000	2.0000

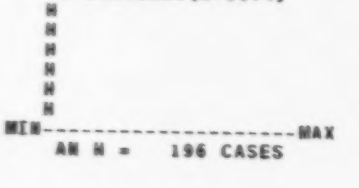


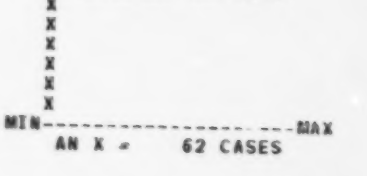


****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	1539
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1,1539

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	1174	367
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0





NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 2.326 SECONDS

21 O/6
1. STATISTICS 1
2. STATISTICS 2

21 O/6
1. STATISTICS 1

****
* COPPER *
****

VARIABLE NUMBER	2
NUMBER OF DISTINCT VALUES .	56
NUMBER OF VALUES COUNTED. .	2006
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	156.0000000
MINIMUM	3.0000000
RANGE	153.0000000
VARIANCE	64.7010803
ST.DEV.	8.0436983
(Q3-Q1)/2	4.0000000
MX.ST.SC.	17.37
MN.ST.SC.	-1.65

LOCATION ESTIMATES

		ST.ERROR
MEAN	16.2966003	0.1795933
MEDIAN	15.0000000	0.0
MODE	15.0000000	

EACH '-' ABOVE = 5.0000
L= 0.0
U= 164.9999
CASE NO. OF MIN. VAL. = 1315
CASE NO. OF MAX. VAL. = 1565

	VALUE	VALUE/S.E.
SKEWNESS	4.28	78.32
KURTOSIS	50.65	463.07

Q1= 11.0000000
Q3= 19.0000000
S-= 8.2529020
S+= 24.3402863

EACH '.' BELOW = 1.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
3.	1	0.0	0.0	17.	123	6.1	68.0	31.	7	0.3	95.8	45.	3	0.1	99.3
4.	2	0.1	0.1	18.	117	5.8	73.9	32.	10	0.5	96.3	47.	1	0.0	99.3
5.	14	0.7	0.8	19.	84	4.2	78.1	33.	11	0.5	96.8	48.	2	0.1	99.4
6.	30	1.5	2.3	20.	59	2.9	81.0	34.	2	0.1	96.9	49.	2	0.1	99.5
7.	28	1.4	3.8	21.	45	2.2	83.3	35.	13	0.6	97.6	53.	1	0.0	99.6
8.	59	2.9	6.7	22.	49	2.4	85.7	36.	2	0.1	97.7	54.	1	0.0	99.6
9.	97	4.8	11.6	23.	43	2.1	87.8	37.	5	0.2	97.9	57.	1	0.0	99.7
10.	131	6.5	18.1	24.	37	1.8	89.7	38.	1	0.0	98.0	58.	1	0.0	99.7
11.	143	7.1	25.2	25.	22	1.1	90.8	39.	7	0.3	98.3	60.	1	0.0	99.8
12.	154	7.7	32.9	26.	25	1.2	92.0	40.	5	0.2	98.6	63.	1	0.0	99.8
13.	155	7.7	40.6	27.	28	1.4	93.4	41.	3	0.1	98.7	66.	1	0.0	99.9
14.	131	6.5	47.2	28.	18	0.9	94.3	42.	3	0.1	98.9	68.	1	0.0	99.9
15.	163	8.1	55.3	29.	10	0.5	94.8	43.	2	0.1	99.0	77.	1	0.0	100.0
16.	133	6.6	61.9	30.	12	0.6	95.4	44.	3	0.1	99.1	156.	1	0.0	100.0

```
*************
* LEAD      *
*************

VARIABLE NUMBER . . . . . .        3        MAXIMUM        102.0000000
NUMBER OF DISTINCT VALUES .       60        MINIMUM          5.0000000
NUMBER OF VALUES COUNTED. .     2006        RANGE           97.0000000
NUMBER OF VALUES NOT COUNTED       0        VARIANCE        78.6703796
                                            ST.DEV.          8.8696327
                                            (Q3-Q1)/2        4.5000000
                                            MX.ST.SC.        8.52
                                            MN.ST.SC.       -2.42

LOCATION ESTIMATES                          ST.ERROR
              MEAN          26.4277039      0.1980342
              MEDIAN        25.0000000      0.0
              MODE          26.0000000
```

```
         H
         H
         H
       HHH
       HHHH
       HHHHH
      HHHHHHH
      HHHHHHHH
     HHHHHHHHHH
  HHHHHHHHHHHHHHHHHHHHH H HHH       H
L----------------------------------U
```

EACH 'H' REPRESENTS 41 COUNT(S)

EACH '-' ABOVE = 3.0000
L= 5.0000
U= 104.9999

CASE NO. OF MIN. VAL. = 1480
CASE NO. OF MAX. VAL. = 775

	VALUE	VALUE/S.E.
SKEWNESS	1.84	33.58
KURTOSIS	7.84	71.70

Q1= 21.0000000
Q3= 30.0000000
S-= 17.5580597
S+= 35.2973328

EACH '.' BELOW = 0.7500

```
              S   Q       M M       Q       S                                                   M
M             -   1       M M       3       +                                                   .A
I.........................E.E.......................................................................X
N                         D A
                          I N
```

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
5.	2	0.1	0.1
8.	3	0.1	0.2
9.	10	0.5	0.7
10.	10	0.5	1.2
12.	13	0.6	1.9
13.	14	0.7	2.6
14.	30	1.5	4.1
15.	26	1.3	5.4
16.	41	2.0	7.4
17.	42	2.1	9.5
18.	79	3.9	13.5
19.	96	4.8	18.2
20.	75	3.7	22.0
21.	100	5.0	27.0
22.	115	5.7	32.7
23.	157	7.8	40.5
24.	94	4.7	45.2
25.	142	7.1	52.3
26.	170	8.5	60.8
27.	86	4.3	65.1
28.	72	3.6	68.6
29.	79	3.9	72.6
30.	79	3.9	76.5
31.	75	3.7	80.3
32.	22	1.1	81.4
33.	59	2.9	84.3
34.	38	1.9	86.2
35.	32	1.6	87.8
36.	44	2.2	90.0
37.	30	1.5	91.5
38.	9	0.4	91.9
39.	27	1.3	93.3
40.	20	1.0	94.3
41.	3	0.1	94.4
42.	21	1.0	95.5
43.	13	0.6	96.1
44.	6	0.3	96.4
45.	5	0.2	96.7
46.	11	0.5	97.2
47.	2	0.1	97.3
48.	7	0.3	97.7
49.	4	0.2	97.9
50.	9	0.4	98.3
51.	1	0.0	98.4
52.	8	0.4	98.8
53.	3	0.1	98.9
54.	1	0.0	99.0
55.	1	0.0	99.0
59.	3	0.1	99.2
61.	1	0.0	99.2
62.	2	0.1	99.3
63.	2	0.1	99.4
65.	1	0.0	99.5
71.	3	0.1	99.6
75.	1	0.0	99.7
76.	3	0.1	99.8
78.	1	0.0	99.9
81.	1	0.0	99.9
83.	1	0.0	100.0
102.	1	0.0	100.0

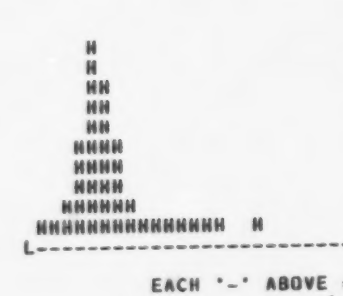
****
* ZINC *
****

VARIABLE NUMBER	4
NUMBER OF DISTINCT VALUES .	144
NUMBER OF VALUES COUNTED. .	2006
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	391.0000000
MINIMUM	10.0000000
RANGE	381.0000000
VARIANCE	580.2661133
ST.DEV.	24.0887146
(Q3-Q1)/2	12.5000000
MX.ST.SC.	12.98
MN.ST.SC.	-2.84

LOCATION ESTIMATES

		ST.ERROR
MEAN	78.3444519	0.5378339
MEDIAN	75.0000000	0.5773506
MODE	66.0000000	



EACH '-' ABOVE = 15.0000
L= 0.0
U= 495.0000

CASE NO. OF MIN. VAL. = 1102
CASE NO. OF MAX. VAL. = 1883

	VALUE	VALUE/S.E.
SKEWNESS	2.21	40.49
KURTOSIS	17.83	163.03

Q1= 64.0000000
Q3= 89.0000000
S-= 54.2557373
S+= 102.4331665

EACH '.' BELOW = 3.0000

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
10.	1	0.0	0.0
12.	1	0.0	0.1
18.	1	0.0	0.1
21.	1	0.0	0.2
23.	1	0.0	0.2
25.	2	0.1	0.3
27.	1	0.0	0.4
28.	1	0.0	0.4
31.	1	0.0	0.5
32.	2	0.1	0.6
33.	4	0.2	0.8
34.	7	0.3	1.1
35.	4	0.2	1.3
36.	2	0.1	1.4
37.	4	0.2	1.6
38.	7	0.3	2.0
39.	3	0.1	2.1
40.	5	0.2	2.4
41.	4	0.2	2.6
42.	8	0.4	3.0
43.	8	0.4	3.4
44.	9	0.4	3.8
45.	17	0.8	4.7

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
59.	40	2.0	17.3
60.	24	1.2	18.5
61.	40	2.0	20.5
62.	29	1.4	22.0
63.	45	2.2	24.2
64.	37	1.8	26.1
65.	30	1.5	27.6
66.	62	3.1	30.7
67.	50	2.5	33.2
68.	43	2.1	35.3
69.	45	2.2	37.5
70.	50	2.5	40.0
71.	39	1.9	42.0
72.	44	2.2	44.2
73.	41	2.0	46.2
74.	39	1.9	48.2
75.	58	2.9	51.0
76.	34	1.7	52.7
77.	47	2.3	55.1
78.	47	2.3	57.4
79.	22	1.1	58.5
80.	49	2.4	61.0
81.	36	1.7	62.7

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
95.	23	1.1	82.3
96.	13	0.6	83.0
97.	17	0.8	83.8
98.	19	0.9	84.7
99.	8	0.4	85.1
100.	25	1.2	86.4
101.	13	0.6	87.0
102.	10	0.5	87.5
103.	18	0.9	88.4
104.	14	0.7	89.1
105.	9	0.4	89.6
106.	9	0.4	90.0
107.	14	0.7	90.7
108.	11	0.5	91.3
109.	15	0.7	92.0
110.	6	0.3	92.3
111.	8	0.4	92.7
112.	9	0.4	93.2
113.	4	0.2	93.4
114.	10	0.5	93.9
115.	4	0.2	94.1
116.	11	0.5	94.6
117.	4	0.2	94.8

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
132.	3	0.1	97.7
133.	1	0.0	97.7
134.	2	0.1	97.8
135.	1	0.0	97.9
137.	1	0.0	97.9
138.	3	0.1	98.1
139.	1	0.0	98.1
140.	2	0.1	98.2
141.	3	0.1	98.4
142.	2	0.1	98.5
143.	2	0.1	98.6
144.	1	0.0	98.6
145.	1	0.0	98.7
147.	1	0.0	98.7
148.	2	0.1	98.8
149.	1	0.0	98.9
150.	1	0.0	98.9
151.	1	0.0	99.0
153.	1	0.0	99.0
155.	2	0.1	99.1
158.	1	0.0	99.2
159.	1	0.0	99.2
162.	3	0.1	99.4

46.	10	0.5	5.2
47.	14	0.7	5.9
48.	12	0.6	6.5
49.	7	0.3	6.8
50.	21	1.0	7.9
51.	21	1.0	8.9
52.	12	0.6	9.5
53.	16	0.8	10.3
54.	18	0.9	11.2
55.	17	0.8	12.1
56.	18	0.9	13.0
57.	20	1.0	14.0
58.	29	1.4	15.4
82.	32	1.6	64.3
83.	41	2.0	66.4
84.	35	1.7	68.1
85.	28	1.4	69.5
86.	28	1.4	70.9
87.	25	1.2	72.1
88.	31	1.5	73.7
89.	28	1.4	75.1
90.	16	0.8	75.9
91.	27	1.3	77.2
92.	32	1.6	78.8
93.	16	0.8	79.6
94.	31	1.5	81.2
118.	4	0.2	95.0
119.	5	0.2	95.3
120.	9	0.4	95.7
121.	7	0.3	96.1
122.	3	0.1	96.2
123.	5	0.2	96.5
124.	2	0.1	96.6
125.	1	0.0	96.6
126.	4	0.2	96.8
127.	2	0.1	96.9
128.	5	0.2	97.2
130.	2	0.1	97.3
131.	5	0.2	97.5
171.	1	0.0	99.4
173.	1	0.0	99.5
174.	1	0.0	99.5
176.	1	0.0	99.6
181.	1	0.0	99.6
182.	1	0.0	99.7
185.	1	0.0	99.7
187.	1	0.0	99.8
203.	1	0.0	99.8
206.	1	0.0	99.9
216.	1	0.0	99.9
265.	1	0.0	100.0
391.	1	0.0	100.0

****
* MANGANES *
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VARIABLE NUMBER	5	MAXIMUM	36900.0000000
NUMBER OF DISTINCT VALUES .	162	MINIMUM	19.0000000
NUMBER OF VALUES COUNTED. .	2003	RANGE	36881.0000000
NUMBER OF VALUES NOT COUNTED	3	VARIANCE	2354236.0000000
		ST.DEV.	1534.3520508
		(Q3-Q1)/2	360.0000000
		MX.ST.SC.	23.36
		MN.ST.SC.	-0.68

LOCATION ESTIMATES		ST.ERROR
MEAN	1055.4052734	34.2834473
MEDIAN	740.0000000	14.4337635
MODE	1100.0000000	

EACH '-' ABOVE = 1500.0000
L= 0.0
U= 49500.0000
CASE NO. OF MIN. VAL. = 934
CASE NO. OF MAX. VAL. = 773

	VALUE	VALUE/S.E.
SKEWNESS	11.84	216.28
KURTOSIS	213.56	1951.01

Q1= 480.0000000
Q3= 1200.0000000
S-= -470.9467773
S+= 2589.7573242

EACH '.' BELOW = 300.0000

VALUE	COUNT	PERCENTS CELL	CUM
19.	1	0.0	0.0
34.	1	0.0	0.1
40.	1	0.0	0.1
50.	2	0.1	0.2
60.	9	0.4	0.7
90.	5	0.2	0.9
100.	5	0.2	1.2
110.	6	0.3	1.5
120.	9	0.4	1.9
130.	7	0.3	2.3
140.	5	0.2	2.5
150.	5	0.2	2.8
160.	8	0.4	3.2
170.	12	0.6	3.8
180.	4	0.2	4.0
190.	9	0.4	4.4
200.	12	0.6	5.0
210.	8	0.4	5.4
220.	9	0.4	5.9
230.	7	0.3	6.2
240.	10	0.5	6.7
250.	10	0.5	7.2
260.	3	0.1	7.4
440.	19	0.9	22.2
450.	16	0.8	23.0
460.	20	1.0	24.0
470.	18	0.9	24.9
480.	20	1.0	25.9
490.	23	1.1	27.0
500.	19	0.9	28.0
510.	14	0.7	28.7
520.	16	0.8	29.5
530.	20	1.0	30.5
540.	27	1.3	31.8
550.	25	1.2	33.1
560.	31	1.5	34.6
570.	18	0.9	35.5
580.	15	0.7	36.2
590.	10	0.5	36.7
600.	13	0.6	37.4
610.	10	0.5	37.9
620.	18	0.9	38.8
630.	25	1.2	40.0
640.	22	1.1	41.1
650.	22	1.1	42.2
660.	11	0.5	42.8
850.	17	0.8	58.3
860.	23	1.1	59.4
870.	11	0.5	60.0
880.	12	0.6	60.6
890.	12	0.6	61.2
900.	18	0.9	62.1
910.	10	0.5	62.6
920.	11	0.5	63.1
930.	11	0.5	63.7
940.	7	0.3	64.0
950.	12	0.6	64.6
960.	12	0.6	65.2
970.	10	0.5	65.7
980.	10	0.5	66.2
990.	7	0.3	66.6
1000.	53	2.6	69.2
1060.	1	0.0	69.2
1100.	93	4.6	73.9
1110.	1	0.0	73.9
1200.	67	3.3	77.3
1250.	1	0.0	77.3
1300.	62	3.1	80.4
1400.	38	1.9	82.3
3200.	5	0.2	97.0
3300.	4	0.2	97.2
3400.	3	0.1	97.3
3500.	1	0.0	97.4
3600.	3	0.1	97.5
3700.	2	0.1	97.6
3800.	2	0.1	97.7
3900.	3	0.1	97.9
4000.	2	0.1	98.0
4100.	1	0.0	98.0
4200.	3	0.1	98.2
4300.	1	0.0	98.2
4400.	3	0.1	98.4
4600.	2	0.1	98.5
4700.	3	0.1	98.6
5000.	2	0.1	98.7
5100.	1	0.0	98.8
5200.	1	0.0	98.8
5300.	1	0.0	98.9
5600.	1	0.0	98.9
5700.	1	0.0	99.0
5800.	2	0.1	99.1
5900.	1	0.0	99.1

270.	7	0.3	7.7	670.	16	0.8	43.6	1500.	49	2.4	84.8	6000.	2	0.1	99.2
280.	9	0.4	8.2	680.	15	0.7	44.3	1600.	41	2.0	86.8	6100.	1	0.0	99.3
290.	24	1.2	9.4	690.	27	1.3	45.7	1700.	28	1.4	88.2	6900.	1	0.0	99.3
300.	13	0.6	10.0	700.	16	0.8	46.5	1770.	1	0.0	88.3	7100.	1	0.0	99.4
310.	9	0.4	10.5	710.	19	0.9	47.4	1800.	20	1.0	89.3	7200.	1	0.0	99.4
320.	15	0.7	11.2	720.	25	1.2	48.7	1900.	20	1.0	90.3	7500.	1	0.0	99.5
330.	17	0.8	12.1	730.	16	0.8	49.5	2000.	22	1.1	91.4	8100.	2	0.1	99.6
340.	17	0.8	12.9	740.	17	0.8	50.3	2100.	18	0.9	92.3	8800.	1	0.0	99.6
350.	16	0.8	13.7	750.	16	0.8	51.1	2200.	18	0.9	93.2	10000.	1	0.0	99.7
360.	20	1.0	14.7	760.	12	0.6	51.7	2300.	10	0.5	93.7	10400.	1	0.0	99.7
370.	17	0.8	15.6	770.	17	0.8	52.6	2400.	8	0.4	94.1	11600.	1	0.0	99.8
380.	16	0.8	16.4	780.	12	0.6	53.2	2500.	9	0.4	94.5	15400.	1	0.0	99.8
390.	12	0.6	17.0	790.	7	0.3	53.5	2600.	14	0.7	95.2	19900.	1	0.0	99.9
400.	22	1.1	18.1	800.	14	0.7	54.2	2700.	8	0.4	95.6	20000.	1	0.0	99.9
404.	1	0.0	18.1	810.	17	0.8	55.1	2800.	7	0.3	96.0	26300.	1	0.0	100.0
410.	21	1.0	19.2	820.	12	0.6	55.7	2900.	2	0.1	96.1	36900.	1	0.0	100.0
420.	20	1.0	20.2	830.	12	0.6	56.3	3000.	10	0.5	96.6				
430.	21	1.0	21.2	840.	23	1.1	57.4	3100.	3	0.1	96.7				

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* IRONPCNT *
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VARIABLE NUMBER . . . . . . .          6        MAXIMUM           6.9699993
NUMBER OF DISTINCT VALUES .          308        MINIMUM           0.0500000
NUMBER OF VALUES COUNTED. .         2006        RANGE             6.9199991
NUMBER OF VALUES NOT COUNTED           0        VARIANCE          0.4064782
                                                ST.DEV.           0.6375564
                                                (Q3-Q1)/2         0.3700004
                                                MX.ST.SC.         7.12
                                                MN.ST.SC.        -3.73

LOCATION ESTIMATES                                  ST.ERROR
                MEAN          2.4289436            0.0142349
                MEDIAN        2.5199995            0.0144338
                MODE          2.6999998

                                     H
                                     HH
                                     HHH
                                     HHH                       EACH 'H'
                                    HHHH                       REPRESENTS
                                    HHHHH                         40
                                   HHHHHH                       COUNT(S)
                                   HHHHHHH
                                  HHHHHHHH
                              HHHHHHHHHHHHHHHHHHH H      H
                              L--------------------------------U

                                  EACH '-' ABOVE =         0.2500
                                              L=           0.0
                                              U=           8.2500
                              CASE NO. OF MIN. VAL. = 1580
                              CASE NO. OF MAX. VAL. =  773

                                                              Q1=   2.0899992
                                 VALUE     VALUE/S.E.         Q3=   2.8299999
               SKEWNESS          -0.42       -7.70            S-=   1.7913066
               KURTOSIS           2.22       20.29            S+=   3.0664997

                                  EACH '.' BELOW =         0.0750

                   S  Q     Q  S
       M           -  1  MM M3 +                                              M
       I.....................EE..D...........................................A
       N                     AD  D                                            X
                             NI  E
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VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.05000	1	0.0	0.0
0.18000	1	0.0	0.1
0.19000	1	0.0	0.1
0.21000	1	0.0	0.2
0.23000	1	0.0	0.2
0.29000	1	0.0	0.3
0.31000	1	0.0	0.3
0.34000	1	0.0	0.4
0.41000	2	0.1	0.5
0.47000	1	0.0	0.5
0.48000	2	0.1	0.6
0.50000	1	0.0	0.7
0.52000	1	0.0	0.7
0.54000	1	0.0	0.8
0.55000	1	0.0	0.8
0.56000	1	0.0	0.9
0.58000	1	0.0	0.9
0.61000	1	0.0	1.0
0.65000	1	0.0	1.0
0.69000	2	0.1	1.1
0.70000	5	0.2	1.4
0.71000	2	0.1	1.5
0.72000	1	0.0	1.5

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
1.43000	3	0.1	7.2
1.44000	2	0.1	7.3
1.45000	4	0.2	7.5
1.46000	6	0.3	7.8
1.48000	3	0.1	7.9
1.49000	3	0.1	8.1
1.50000	5	0.2	8.3
1.51000	7	0.3	8.7
1.52000	2	0.1	8.8
1.53000	2	0.1	8.9
1.55000	4	0.2	9.1
1.57000	2	0.1	9.2
1.58000	4	0.2	9.4
1.59000	3	0.1	9.5
1.60000	8	0.4	9.9
1.61000	4	0.2	10.1
1.62000	1	0.0	10.2
1.63000	9	0.4	10.6
1.64000	2	0.1	10.7
1.65000	10	0.5	11.2
1.66000	7	0.3	11.6
1.67000	2	0.1	11.7
1.68000	3	0.1	11.8

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
2.23000	15	0.7	32.2
2.24000	9	0.4	32.6
2.25000	9	0.4	33.1
2.26000	7	0.3	33.4
2.27000	10	0.5	33.9
2.28000	12	0.6	34.5
2.29000	6	0.3	34.8
2.30000	12	0.6	35.4
2.31000	9	0.4	35.8
2.32000	13	0.6	36.5
2.33000	15	0.7	37.2
2.34000	17	0.8	38.1
2.35000	14	0.7	38.8
2.36000	6	0.3	39.1
2.37000	18	0.9	40.0
2.38000	12	0.6	40.6
2.39000	15	0.7	41.3
2.40000	18	0.9	42.2
2.41000	15	0.7	43.0
2.42000	18	0.9	43.9
2.43000	18	0.9	44.8
2.44000	13	0.6	45.4
2.45000	16	0.8	46.2

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
3.00000	14	0.7	85.5
3.01000	12	0.6	86.1
3.02000	5	0.2	86.4
3.03000	8	0.4	86.8
3.04000	7	0.3	87.1
3.05000	11	0.5	87.7
3.06000	8	0.4	88.1
3.07000	6	0.3	88.4
3.08000	8	0.4	88.8
3.09000	11	0.5	89.3
3.10000	10	0.5	89.8
3.11000	8	0.4	90.2
3.12000	7	0.3	90.6
3.13000	4	0.2	90.8
3.14000	5	0.2	91.0
3.15000	4	0.2	91.2
3.16000	10	0.5	91.7
3.17000	3	0.1	91.9
3.18000	2	0.1	92.0
3.19000	9	0.4	92.4
3.20000	7	0.3	92.8
3.21000	4	0.2	93.0
3.22000	5	0.2	93.2

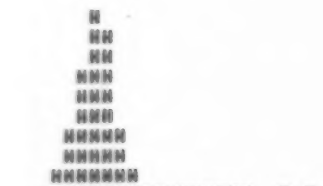
0.73000	2	0.1	1.6	1.69000	4	0.2	12.0	2.46000	11	0.5	46.8	3.23000	5	0.2	93.5
0.74000	1	0.0	1.7	1.70000	3	0.1	12.2	2.47000	11	0.5	47.3	3.24000	3	0.1	93.6
0.75000	1	0.0	1.7	1.71000	7	0.3	12.5	2.48000	12	0.6	47.9	3.25000	6	0.3	93.9
0.76000	2	0.1	1.8	1.72000	7	0.3	12.9	2.49000	10	0.5	48.4	3.26000	6	0.3	94.2
0.78000	2	0.1	1.9	1.73000	4	0.2	13.1	2.50000	10	0.5	48.9	3.27000	4	0.2	94.4
0.80000	1	0.0	2.0	1.74000	7	0.3	13.4	2.51000	11	0.5	49.5	3.28000	4	0.2	94.6
0.81000	2	0.1	2.1	1.75000	6	0.3	13.7	2.52000	17	0.8	50.3	3.30000	4	0.2	94.8
0.82000	2	0.1	2.2	1.76000	4	0.2	13.9	2.53000	18	0.9	51.2	3.31000	4	0.2	95.0
0.83000	1	0.0	2.2	1.77000	2	0.1	14.0	2.54000	18	0.9	52.1	3.32000	5	0.2	95.3
0.85000	1	0.0	2.3	1.78000	5	0.2	14.3	2.55000	11	0.5	52.6	3.33000	5	0.2	95.5
0.87000	2	0.1	2.4	1.79000	7	0.3	14.6	2.56000	11	0.5	53.2	3.34000	3	0.1	95.7
0.88000	2	0.1	2.5	1.80000	5	0.2	14.9	2.57000	15	0.7	53.9	3.35000	3	0.1	95.8
0.89000	4	0.2	2.7	1.81000	6	0.3	15.2	2.58000	9	0.4	54.4	3.36000	5	0.2	96.1
0.91000	2	0.1	2.8	1.82000	8	0.4	15.6	2.59000	11	0.5	54.9	3.37000	4	0.2	96.3
0.92000	2	0.1	2.9	1.83000	3	0.1	15.7	2.60000	17	0.8	55.8	3.38000	5	0.2	96.5
0.93000	2	0.1	3.0	1.84000	9	0.4	16.2	2.61000	22	1.1	56.9	3.39000	4	0.2	96.7
0.94000	1	0.0	3.0	1.85000	5	0.2	16.4	2.62000	14	0.7	57.6	3.40000	2	0.1	96.8
0.96000	1	0.0	3.1	1.86000	3	0.1	16.6	2.63000	15	0.7	58.3	3.41000	3	0.1	97.0
0.98000	1	0.0	3.1	1.87000	5	0.2	16.8	2.64000	19	0.9	59.3	3.42000	4	0.2	97.2
0.99000	1	0.0	3.2	1.88000	11	0.5	17.3	2.65000	20	1.0	60.3	3.43000	4	0.2	97.4
1.00000	1	0.0	3.2	1.89000	8	0.4	17.7	2.66000	16	0.8	61.1	3.44000	1	0.0	97.4
1.01000	4	0.2	3.4	1.90000	9	0.4	18.2	2.67000	13	0.6	61.7	3.45000	3	0.1	97.6
1.02000	5	0.2	3.7	1.91000	5	0.2	18.4	2.68000	21	1.0	62.8	3.46000	4	0.2	97.8
1.03000	2	0.1	3.8	1.92000	8	0.4	18.8	2.69000	10	0.5	63.3	3.47000	4	0.2	98.0
1.04000	1	0.0	3.8	1.93000	6	0.3	19.1	2.70000	25	1.2	64.5	3.48000	2	0.1	98.1
1.05000	2	0.1	3.9	1.94000	8	0.4	19.5	2.71000	17	0.8	65.4	3.50000	1	0.0	98.1
1.06000	1	0.0	4.0	1.95000	6	0.3	19.8	2.72000	15	0.7	66.1	3.51000	1	0.0	98.2
1.07000	3	0.1	4.1	1.96000	10	0.5	20.3	2.73000	12	0.6	66.7	3.53000	2	0.1	98.3
1.08000	2	0.1	4.2	1.97000	8	0.4	20.7	2.74000	24	1.2	67.9	3.54000	1	0.0	98.3
1.09000	1	0.0	4.3	1.98000	2	0.1	20.8	2.75000	22	1.1	69.0	3.55000	2	0.1	98.4
1.10000	2	0.1	4.4	1.99000	18	0.8	21.3	2.76000	21	1.0	70.0	3.56000	2	0.1	98.5
1.12000	3	0.1	4.5	2.00000	16	0.8	22.1	2.77000	13	0.6	70.7	3.59000	3	0.1	98.7
1.13000	2	0.1	4.6	2.01000	7	0.3	22.5	2.78000	16	0.8	71.5	3.61000	2	0.1	98.8
1.16000	2	0.1	4.7	2.02000	3	0.1	22.6	2.79000	13	0.6	72.1	3.62000	1	0.0	98.8
1.17000	1	0.0	4.8	2.03000	6	0.3	22.9	2.80000	13	0.6	72.8	3.63000	1	0.0	98.9
1.18000	1	0.0	4.8	2.04000	8	0.4	23.3	2.81000	16	0.8	73.5	3.64000	3	0.1	99.0
1.20000	5	0.2	5.1	2.05000	4	0.2	23.5	2.82000	20	1.0	74.6	3.65000	2	0.1	99.1
1.21000	3	0.1	5.2	2.06000	6	0.3	23.8	2.83000	12	0.6	75.2	3.66000	1	0.0	99.2
1.22000	2	0.1	5.3	2.07000	10	0.5	24.3	2.84000	12	0.6	75.8	3.69000	2	0.1	99.3
1.23000	1	0.0	5.4	2.08000	11	0.5	24.9	2.85000	17	0.8	76.6	3.74000	1	0.0	99.3
1.24000	3	0.1	5.5	2.09000	9	0.4	25.3	2.86000	13	0.6	77.3	3.81000	1	0.0	99.4
1.26000	1	0.0	5.6	2.10000	9	0.4	25.8	2.87000	22	1.1	78.4	3.89000	1	0.0	99.4
1.29000	1	0.0	5.6	2.11000	7	0.3	26.1	2.88000	8	0.4	78.8	3.92000	1	0.0	99.5
1.30000	1	0.0	5.7	2.12000	6	0.3	26.4	2.89000	11	0.5	79.3	3.96000	1	0.0	99.5
1.31000	2	0.1	5.8	2.13000	6	0.3	26.7	2.90000	10	0.5	79.8	4.00000	1	0.0	99.6
1.33000	3	0.1	5.9	2.14000	9	0.4	27.2	2.91000	11	0.5	80.4	4.05000	1	0.0	99.6
1.34000	1	0.0	6.0	2.15000	10	0.5	27.7	2.92000	13	0.6	81.0	4.10000	1	0.0	99.7
1.36000	4	0.2	6.2	2.16000	12	0.6	28.3	2.93000	13	0.6	81.7	4.14000	1	0.0	99.7
1.37000	2	0.1	6.3	2.17000	12	0.6	28.9	2.94000	13	0.6	82.3	4.40000	1	0.0	99.8
1.38000	4	0.2	6.5	2.18000	11	0.5	29.4	2.95000	8	0.4	82.7	4.53000	1	0.0	99.8
1.39000	3	0.1	6.6	2.19000	9	0.4	29.9	2.96000	5	0.2	83.0	4.64000	1	0.0	99.9
1.40000	4	0.2	6.8	2.20000	13	0.6	30.5	2.97000	16	0.8	83.7	5.12000	1	0.0	99.9
1.41000	1	0.0	6.9	2.21000	12	0.6	31.1	2.98000	13	0.6	84.4	5.13000	1	0.0	100.0
1.42000	3	0.1	7.0	2.22000	6	0.3	31.4	2.99000	9	0.4	84.8	6.97000	1	0.0	100.0

COBALT

VARIABLE NUMBER	7	MAXIMUM	97.0000000
NUMBER OF DISTINCT VALUES .	49	MINIMUM	4.0000000
NUMBER OF VALUES COUNTED. .	2003	RANGE	93.0000000
NUMBER OF VALUES NOT COUNTED	3	VARIANCE	39.7650757
		ST.DEV.	6.3059559
		(Q3-Q1)/2	3.0000000
		MX.ST.SC.	12.57
		MN.ST.SC.	-2.17

LOCATION ESTIMATES

		ST.ERROR
MEAN	17.7034302	0.1408988
MEDIAN	18.0000000	0.2886752
MODE	18.0000000	



EACH '-' ABOVE = 3.0000
L= 0.0
U= 98.9999

CASE NO. OF MIN. VAL. = 1679
CASE NO. OF MAX. VAL. = 1022

	VALUE	VALUE/S.E.
SKEWNESS	3.52	64.23
KURTOSIS	29.95	273.60

Q1= 14.0000000
Q3= 20.0000000
S-= 11.3974743
S+= 24.0093842

EACH '.' BELOW = 0.7500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
4.	1	0.0	0.0	17.	172	8.6	49.8	30.	7	0.3	97.5	48.	1	0.0	99.4
5.	3	0.1	0.2	18.	214	10.7	60.5	31.	5	0.2	97.8	49.	3	0.1	99.5
6.	7	0.3	0.5	19.	177	8.8	69.3	32.	5	0.2	98.0	51.	2	0.1	99.7
7.	18	0.9	1.4	20.	155	7.7	77.1	33.	3	0.1	98.2	52.	1	0.0	99.7
8.	30	1.5	2.9	21.	139	6.9	84.0	34.	2	0.1	98.3	53.	1	0.0	99.8
9.	28	1.4	4.4	22.	76	3.8	87.8	35.	2	0.1	98.4	60.	1	0.0	99.8
10.	60	3.0	7.4	23.	89	4.4	92.3	36.	3	0.1	98.5	66.	1	0.0	99.9
11.	70	3.5	10.9	24.	37	1.8	94.1	37.	3	0.1	98.7	81.	1	0.0	99.9
12.	85	4.2	15.1	25.	19	0.9	95.1	39.	4	0.2	98.9	86.	1	0.0	100.0
13.	105	5.2	20.4	26.	20	1.0	96.1	41.	2	0.1	99.0	97.	1	0.0	100.0
14.	138	6.9	27.3	27.	8	0.4	96.5	43.	2	0.1	99.1				
15.	132	6.6	33.8	28.	11	0.5	97.0	44.	1	0.0	99.1				
16.	148	7.4	41.2	29.	3	0.1	97.2	45.	5	0.2	99.4				

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* NICKEL *
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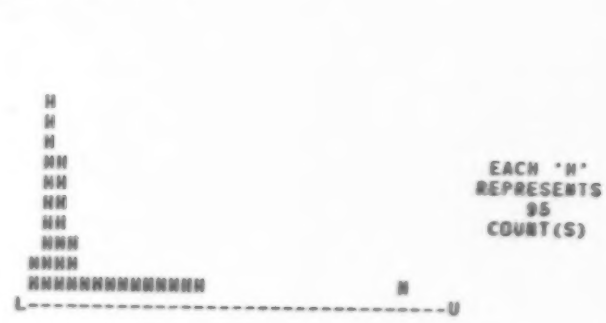
VARIABLE NUMBER 8
NUMBER OF DISTINCT VALUES . 189
NUMBER OF VALUES COUNTED. . 2002
NUMBER OF VALUES NOT COUNTED 4

MAXIMUM	890.0000000
MINIMUM	0.0000000
RANGE	882.0000000
VARIANCE	1772.4565430
ST.DEV.	42.1005554
(Q3-Q1)/2	14.5000000
MX.ST.SC.	19.53
MN.ST.SC.	-1.42

LOCATION ESTIMATES

		ST.ERROR
MEAN	67.5859070	0.9409267
MEDIAN	59.0000000	0.5773506
MODE	60.0000000	



EACH '-' ABOVE = 30.0000
L= 0.0
U= 890.0000
CASE NO. OF MIN. VAL. = 1679
CASE NO. OF MAX. VAL. = 1020

	VALUE	VALUE/S.E.
SKEWNESS	6.05	110.43
KURTOSIS	82.21	750.88

Q1= 47.0000000
Q3= 76.0000000
S-= 25.4853516
S+= 109.6864624

EACH '.' BELOW = 7.5000

VALUE	COUNT	PERCENTS CELL	CUM
8.	2	0.1	0.1
10.	1	0.0	0.1
11.	3	0.1	0.3
12.	1	0.0	0.3
13.	4	0.2	0.5
14.	1	0.0	0.5
15.	2	0.1	0.7
16.	1	0.0	0.7
17.	5	0.2	1.0
18.	6	0.3	1.3
19.	4	0.2	1.5
20.	7	0.3	1.8
21.	7	0.3	2.2
22.	6	0.3	2.5
23.	11	0.5	3.0
24.	11	0.5	3.5
25.	6	0.3	3.9
26.	6	0.3	4.2
27.	8	0.4	4.6
28.	6	0.3	4.9
29.	10	0.5	5.4
30.	7	0.3	5.7
31.	17	0.8	6.6

VALUE	COUNT	PERCENTS CELL	CUM
57.	42	2.1	46.4
58.	37	1.8	48.2
59.	37	1.8	50.0
60.	54	2.7	52.7
61.	41	2.0	54.8
62.	28	1.4	56.2
63.	36	1.8	58.0
64.	42	2.1	60.1
65.	39	1.9	62.1
66.	27	1.3	63.4
67.	27	1.3	64.8
68.	25	1.2	66.0
69.	31	1.5	67.6
70.	30	1.5	69.1
71.	21	1.0	70.1
72.	28	1.4	71.5
73.	29	1.4	73.0
74.	19	0.9	73.9
75.	15	0.7	74.7
76.	22	1.1	75.8
77.	16	0.8	76.6
78.	12	0.6	77.2
79.	17	0.8	78.0

VALUE	COUNT	PERCENTS CELL	CUM
105.	5	0.2	90.5
106.	5	0.2	90.7
107.	6	0.3	91.0
108.	4	0.2	91.2
109.	8	0.4	91.6
110.	11	0.5	92.2
111.	5	0.2	92.4
112.	11	0.5	93.0
113.	3	0.1	93.1
114.	5	0.2	93.4
115.	5	0.2	93.6
116.	3	0.1	93.8
117.	7	0.3	94.1
118.	4	0.2	94.3
119.	4	0.2	94.5
120.	4	0.2	94.7
121.	3	0.1	94.9
122.	2	0.1	95.0
123.	3	0.1	95.1
124.	5	0.2	95.4
125.	1	0.0	95.4
126.	2	0.1	95.5
127.	1	0.0	95.6

VALUE	COUNT	PERCENTS CELL	CUM
169.	1	0.0	97.4
174.	1	0.0	97.4
176.	1	0.0	97.5
177.	1	0.0	97.5
178.	1	0.0	97.6
179.	1	0.0	97.6
183.	2	0.1	97.7
185.	2	0.1	97.8
186.	1	0.0	97.9
188.	2	0.1	98.0
194.	2	0.1	98.1
202.	2	0.1	98.2
203.	1	0.0	98.2
204.	1	0.0	98.3
206.	1	0.0	98.3
207.	1	0.0	98.4
214.	1	0.0	98.4
217.	1	0.0	98.5
221.	3	0.1	98.6
224.	1	0.0	98.7
225.	1	0.0	98.7
226.	1	0.0	98.8
232.	1	0.0	98.8

32.	10	0.5	7.1
33.	8	0.4	7.5
34.	15	0.7	8.3
35.	19	0.9	9.2
36.	21	1.0	10.3
37.	15	0.7	11.0
38.	23	1.1	12.2
39.	23	1.1	13.3
40.	25	1.2	14.6
41.	26	1.3	15.9
42.	26	1.3	17.2
43.	25	1.3	18.5
44.	34	1.7	20.2
45.	36	1.8	22.0
46.	35	1.7	23.7
47.	28	1.4	25.1
48.	40	2.0	27.1
49.	37	1.8	29.0
50.	41	2.0	31.0
51.	45	2.2	33.3
52.	45	2.2	35.5
53.	48	2.4	37.9
54.	36	1.8	39.7
55.	43	2.1	41.9
56.	48	2.4	44.3
80.	15	0.7	78.8
81.	26	1.3	80.1
82.	13	0.6	80.7
83.	20	1.0	81.7
84.	9	0.4	82.2
85.	10	0.5	82.7
86.	15	0.7	83.4
87.	3	0.1	83.6
88.	11	0.5	84.1
89.	9	0.4	84.6
90.	8	0.4	85.0
91.	11	0.5	85.5
92.	9	0.4	86.0
93.	8	0.4	86.4
94.	7	0.3	86.7
95.	4	0.2	86.9
96.	6	0.3	87.2
97.	7	0.3	87.6
98.	8	0.4	88.0
99.	11	0.5	88.5
100.	9	0.4	89.0
101.	8	0.4	89.4
102.	6	0.3	89.7
103.	8	0.4	90.1
104.	3	0.1	90.2
128.	3	0.1	95.7
129.	2	0.1	95.8
130.	2	0.1	95.9
131.	1	0.0	96.0
132.	2	0.1	96.1
134.	2	0.1	96.2
135.	1	0.0	96.2
136.	1	0.0	96.3
138.	1	0.0	96.3
139.	1	0.0	96.4
140.	1	0.0	96.4
141.	3	0.1	96.6
144.	1	0.0	96.6
145.	1	0.0	96.7
146.	2	0.1	96.8
148.	1	0.0	96.8
151.	1	0.0	96.9
152.	1	0.0	96.9
153.	2	0.1	97.0
154.	1	0.0	97.1
160.	1	0.0	97.1
163.	1	0.0	97.2
165.	1	0.0	97.2
166.	1	0.0	97.3
167.	1	0.0	97.3
234.	1	0.0	98.9
238.	3	0.1	99.0
242.	1	0.0	99.1
244.	1	0.0	99.1
256.	1	0.0	99.2
264.	1	0.0	99.2
266.	1	0.0	99.3
269.	1	0.0	99.3
270.	1	0.0	99.4
272.	1	0.0	99.4
273.	1	0.0	99.5
279.	1	0.0	99.5
281.	1	0.0	99.6
294.	1	0.0	99.6
296.	1	0.0	99.7
306.	1	0.0	99.7
324.	1	0.0	99.8
325.	1	0.0	99.8
357.	1	0.0	99.9
365.	1	0.0	99.9
407.	1	0.0	100.0
890.	1	0.0	100.0

****
* SILVER *
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		MAXIMUM	6.5000000
		MINIMUM	0.1000000
		RANGE	6.3999996
VARIABLE NUMBER	9	VARIANCE	0.1031520
NUMBER OF DISTINCT VALUES .	9	ST.DEV.	0.3211729
NUMBER OF VALUES COUNTED. .	2002	(Q3-Q1)/2	0.0
NUMBER OF VALUES NOT COUNTED	4	MX.ST.SC.	17.10
		MN.ST.SC.	-2.83

LOCATION ESTIMATES

		ST.ERROR
MEAN	1.0084410	0.0071781
MEDIAN	1.0000000	0.0
MODE	1.0000000	

EACH '-' ABOVE = 0.2000
L= 0.2000
U= 6.8000

CASE NO. OF MIN. VAL. = 1433
CASE NO. OF MAX. VAL. = 1102

	VALUE	VALUE/S.E.
SKEWNESS	3.21	58.62
KURTOSIS	44.75	408.70

Q1= 1.0000000
Q3= 1.0000000
S-= 0.6872681
S+= 1.3296137

EACH '.' BELOW = 0.0500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.10000	1	0.0	0.0	1.00000	1462	73.0	87.1	2.50000	5	0.2	99.9				
0.30000	1	0.0	0.1	1.50000	215	10.7	97.9	3.00000	1	0.0	100.0				
0.50000	280	14.0	14.1	2.00000	36	1.8	99.7	6.50000	1	0.0	100.0				

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* MOLYBDEN *
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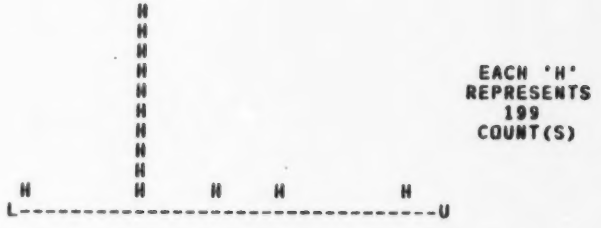
VARIABLE NUMBER	10	MAXIMUM	6.0000000
NUMBER OF DISTINCT VALUES .	5	MINIMUM	0.0
NUMBER OF VALUES COUNTED. .	2000	RANGE	6.0000000
NUMBER OF VALUES NOT COUNTED	6	VARIANCE	0.0324960
		ST.DEV.	0.1802664
		(Q3-Q1)/2	0.0
		MX.ST.SC.	22.16
		MN.ST.SC.	-11.12

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0044994	0.0040309
MEDIAN	2.0000000	0.0
MODE	2.0000000	



EACH '-' ABOVE = 0.2000
L= 0.0
U= 6.6000

CASE NO. OF MIN. VAL. = 1678
CASE NO. OF MAX. VAL. = 408

	VALUE	VALUE/S.E.
SKEWNESS	6.84	124.89
KURTOSIS	208.98	1907.68

Q1= 2.0000000
Q3= 2.0000000
S-= 1.8242331
S+= 2.1847658

EACH '.' BELOW = 0.0500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.	5	0.3	0.3	3.	1	0.0	99.6	6.	1	0.0	100.0				
2.	1986	99.3	99.5	4.	7	0.3	99.9								

****
* URANIUM *
****

VARIABLE NUMBER	11	MAXIMUM	67.7999878
NUMBER OF DISTINCT VALUES .	96	MINIMUM	0.0
NUMBER OF VALUES COUNTED. .	863	RANGE	67.7999878
NUMBER OF VALUES NOT COUNTED	1153	VARIANCE	8.7848196
		ST.DEV.	2.9639196
		(Q3-Q1)/2	0.6999998
		MX.ST.SC.	21.74
		MN.ST.SC.	-1.14

LOCATION ESTIMATES

		ST.ERROR
MEAN	3.3678675	0.1014826
MEDIAN	2.6999998	0.0677350
MODE	2.3999996	

```
HH
HH
HH
HH                                        EACH 'H'
HH                                       REPRESENTS
HH                                          38
HH                                       COUNT(S)
HH
HH
HHH
HHHHHHH                    H
L--------------------------------U
```

EACH '-' ABOVE = 2.5000
L= 0.0
U= 82.5000

CASE NO. OF MIN. VAL. = 1678
CASE NO. OF MAX. VAL. = 1660

	VALUE	VALUE/S.E.
SKEWNESS	12.83	152.95
KURTOSIS	261.45	1558.70

Q1= 2.1999998
Q3= 3.5999994
S-= 0.4039478
S+= 6.3317871

EACH '.' BELOW = 0.7500

```
 S Q Q  S
M- MMM  +                                                              M
I..OEE.....................................................................A
N  DDA                                                                 X
   EIN
```

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.0	5	0.6	0.6	3.1000	26	3.0	64.0	5.5000	3	0.4	90.3	8.2000	1	0.1	96.8
0.5000	2	0.2	0.8	3.2000	27	3.2	67.2	5.6000	3	0.4	90.6	8.6000	1	0.1	97.0
0.7000	2	0.2	1.1	3.3000	25	2.9	70.1	5.7000	1	0.1	90.7	8.7000	2	0.2	97.2
1.0000	1	0.1	1.2	3.4000	15	1.8	71.9	5.8000	3	0.4	91.1	8.8000	2	0.2	97.4
1.1000	1	0.1	1.3	3.5000	13	1.5	73.4	5.9000	4	0.5	91.6	9.0000	1	0.1	97.5
1.2000	1	0.1	1.4	3.6000	14	1.6	75.0	6.0000	1	0.1	91.7	9 1000	1	0.1	97.7
1.3000	4	0.5	1.9	3.7000	17	2.0	77.0	6.1000	2	0.2	91.9	9.4000	1	0.1	97.8
1.4000	8	0.9	2.8	3.8000	14	1.6	78.7	6.2000	1	0.1	92.0	9.7000	1	0.1	97.9
1.5000	7	0.8	3.6	3.9000	10	1.2	79.8	6.3000	2	0.2	92.3	9.8000	1	0.1	98.0
1.6000	17	2.0	5.6	4.0000	1	0.1	80.0	6.4000	2	0.2	92.5	10.5000	2	0.2	98.2
1.7000	24	2.8	8.4	4.1000	9	1.1	81.0	6.5000	7	0.8	93.3	10.7000	1	0.1	98.4
1.8000	30	3.5	12.0	4.2000	7	0.8	81.8	6.6000	1	0.1	93.4	10.8000	1	0.1	98.5
1.9000	36	4.2	16.2	4.3000	11	1.3	83.1	6.7000	4	0.5	93.9	10.9000	1	0.1	98.6
2.0000	23	2.7	18.9	4.4000	7	0.8	83.9	6.8000	4	0.5	94.4	11.0000	1	0.1	98.7
2.1000	24	2.8	21.7	4.5000	6	0.7	84.6	6.9000	1	0.1	94.5	11.3000	1	0.1	98.8
2.2000	40	4.7	26.4	4.6000	3	0.4	85.0	7.0000	2	0.2	94.7	11.6000	2	0.2	99.1
2.3000	49	5.7	32.1	4.7000	7	0.8	85.8	7.1000	3	0.4	95.1	11.7000	1	0.1	99.2
2.4000	60	7.0	39.2	4.8000	6	0.7	86.5	7.2000	2	0.2	95.3	12.8000	1	0.1	99.3
2.5000	34	4.0	43.1	4.9000	5	0.6	87.1	7.3000	3	0.4	95.7	13.9000	1	0.1	99.4
2.6000	39	4.6	47.7	5.0000	2	0.2	87.3	7.5000	2	0.2	95.9	14.2000	1	0.1	99.5
2.7000	27	3.2	50.9	5.1000	4	0.5	87.8	7.6000	1	0.1	96.0	15.1000	1	0.1	99.6
2.8000	35	4.1	55.0	5.2000	8	0.9	88.7	7.7000	1	0.1	96.1	15.6000	1	0.1	99.8
2.9000	39	4.6	59.6	5.3000	7	0.8	89.6	7.8000	4	0.5	96.6	17.5000	1	0.1	99.9

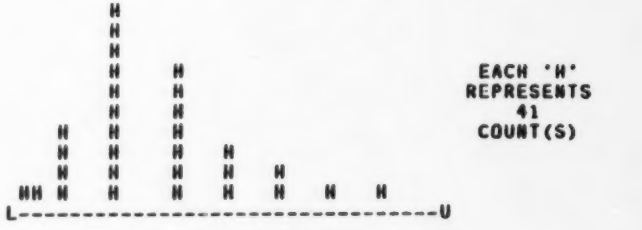
3.0000	12	1.4	61.0	5.4000	3	0.4	89.9	7.9000	1	0.1	96.7	67.8000	1	0.1	100.0			

****
* TUNGSTEN *
****

		MAXIMUM	28.0000000
		MINIMUM	0.0
		RANGE	28.0000000
VARIABLE NUMBER	12	VARIANCE	29.4442444
NUMBER OF DISTINCT VALUES .	9	ST.DEV.	5.4262562
NUMBER OF VALUES COUNTED. .	1069	(Q3-Q1)/2	2.0000000
NUMBER OF VALUES NOT COUNTED	937	MX.ST.SC.	3.31
		MN.ST.SC.	-1.85

LOCATION ESTIMATES

		ST.ERROR
MEAN	10.0374174	0.1659630
MEDIAN	8.0000000	0.0
MODE	8.0000000	



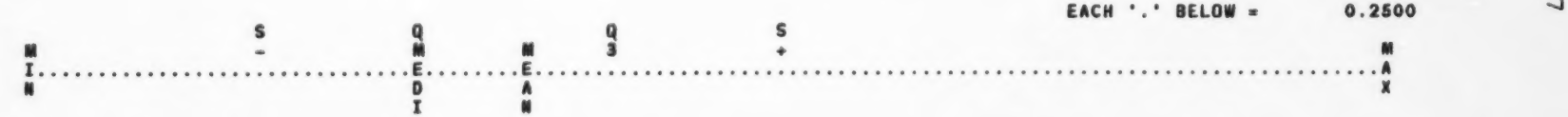
EACH '-' ABOVE = 1.0000
L= 0.0
U= 33.0000

CASE NO. OF MIN. VAL. = 1660
CASE NO. OF MAX. VAL. = 39

	VALUE	VALUE/S.E.
SKEWNESS	0.78	10.35
KURTOSIS	0.80	5.37

Q1= 8.0000000
Q3= 12.0000000
S-= 4.6111612
S+= 15.4636736

EACH '.' BELOW = 0.2500



VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.	35	3.3	3.3	8.	408	38.2	57.2	20.	59	5.5	96.4				
2.	31	2.9	6.2	12.	262	24.5	81.8	24.	29	2.7	99.1				
4.	138	12.9	19.1	16.	97	9.1	90.8	28.	10	0.9	100.0				

21 O/6
1. STATISTICS 2

DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

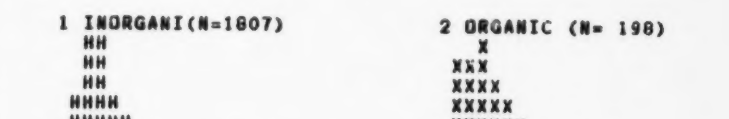
STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.35	0.0195	215.9
T (POOLED)	-3.28	0.0011	2003
F(FOR VARIANCES)			
LEVENE	44.55	0.0000	1,2003

GROUP	1 INORGANI	2 ORGANIC
MEAN	16.1004	18.0702
STD DEV	7.5456	11.5140
S.E.M.	0.1775	0.8183
SAMPLE SIZE	1807	198
MAXIMUM	156.0000	77.0000
MINIMUM	4.0000	3.0000

****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.48	0.6320	233.2
T (POOLED)	-0.52	0.6015	2003
F(FOR VARIANCES)			
LEVENE	5.92	0.0151	1,2003

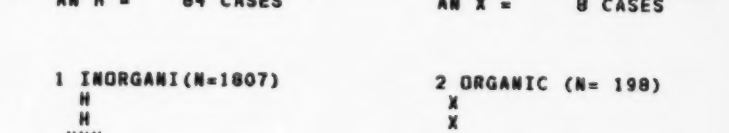
GROUP	1 INORGANI	2 ORGANIC
MEAN	26.3950	26.7417
STD DEV	8.7640	9.7500
S.E.M.	0.2062	0.6929
SAMPLE SIZE	1807	198
MAXIMUM	102.0000	76.0000
MINIMUM	5.0000	9.0000



****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	6.74	0.0	216.1
T (POOLED)	9.35	0.0000	2003
F(FOR VARIANCES)			
LEVENE	1.16	0.2820	1,2003

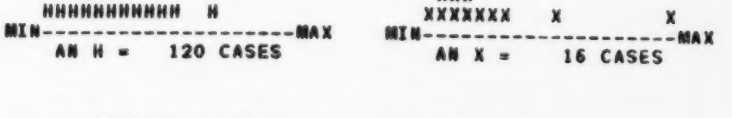
GROUP	1 INORGANI	2 ORGANIC
MEAN	79.9911	63.4942
STD DEV	22.1887	33.6729
S.E.M.	0.5220	2.3930
SAMPLE SIZE	1807	198
MAXIMUM	265.0000	391.0000
MINIMUM	10.0000	12.0000



****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-0.54	0.5926	209.0
T (POOLED)	-0.85	0.3938	2000
F(FOR VARIANCES)			
LEVENE	18.49	0.0000	1,2000

GROUP	1 INORGANI	2 ORGANIC
MEAN	1046.0088	1144.2234
STD DEV	1383.8420	2631.4807
S.E.M.	32.5723	180.3605
SAMPLE SIZE	1805	197
MAXIMUM	36900.0000	26300.0000
MINIMUM	19.0000	34.0000

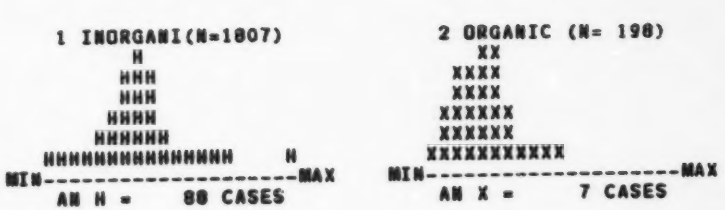


DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	19.85	0.0	226.9
T (POOLED)	23.29	0.0000	2003
F(FOR VARIANCES) LEVENE	18.00	0.0000	1,2003

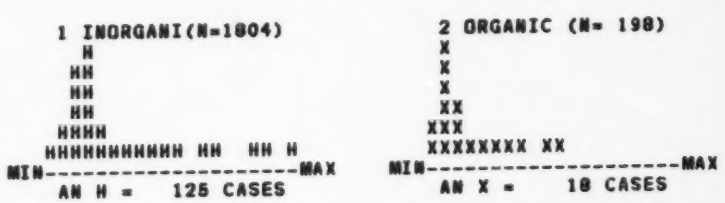
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.5267	1.5422
STD DEV	0.5516	0.6736
S.E.M.	0.0130	0.0479
SAMPLE SIZE	1807	198
MAXIMUM	6.9700	3.8100
MINIMUM	0.0500	0.1800



****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	10.66	0.0	241.0
T (POOLED)	10.78	0.0000	2000
F(FOR VARIANCES) LEVENE	0.06	0.8040	1,2000

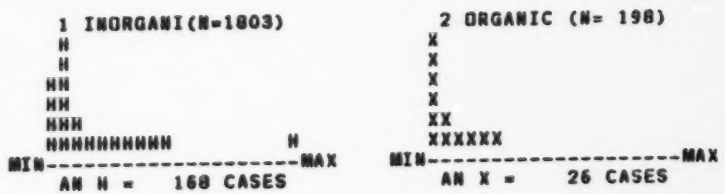
GROUP	1 INORGANI	2 ORGANIC
MEAN	18.1924	13.2474
STD DEV	6.1184	6.2074
S.E.M.	0.1441	0.4411
SAMPLE SIZE	1804	198
MAXIMUM	97.0000	53.0000
MINIMUM	5.0000	4.0000



****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	8.96	0.0	259.6
T (POOLED)	7.93	0.0000	1999
F(FOR VARIANCES) LEVENE	1.40	0.2375	1,1999

GROUP	1 INORGANI	2 ORGANIC
MEAN	70.0396	45.4387
STD DEV	42.0098	36.0200
S.E.M.	0.9894	2.5598
SAMPLE SIZE	1803	198
MAXIMUM	890.0000	238.0000
MINIMUM	8.0000	8.0000



****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-7.59	0.0	206.9
T (POOLED)	-12.02	0.0000	1999
F(FOR VARIANCES) LEVENE	*****	0.0000	1,1999

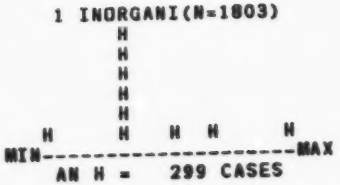
GROUP	1 INORGANI	2 ORGANIC
MEAN	0.9805	1.2615
STD DEV	0.2806	0.5085
S.E.M.	0.0066	0.0364
SAMPLE SIZE	1806	195
MAXIMUM	6.5000	3.0000
MINIMUM	0.1000	0.5000

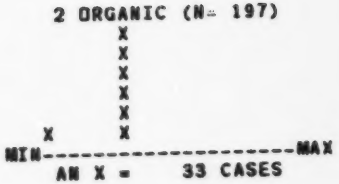
DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.42	0.0163	210.7
T (POOLED)	3.69	0.0002	1998
F(FOR VARIANCES) LEVENE	19.77	0.0000	1,1998

GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0091	1.9593
STD DEV	0.1646	0.2828
S.E.M.	0.0039	0.0201
SAMPLE SIZE	1803	197
MAXIMUM	6.0000	2.0000
MINIMUM	0.0	0.0

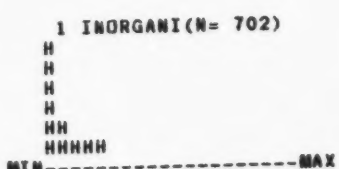


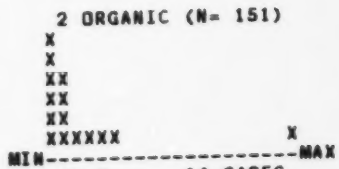


****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.33	0.0213	155.5
T (POOLED)	-4.29	0.0000	851
F(FOR VARIANCES) LEVENE	39.70	0.0000	1, 851

GROUP	1 INORGANI	2 ORGANIC
MEAN	3.1678	4.2973
STD DEV	1.7238	5.9121
S.E.M.	0.0651	0.4811
SAMPLE SIZE	702	151
MAXIMUM	15.6000	67.8000
MINIMUM	0.5000	0.0

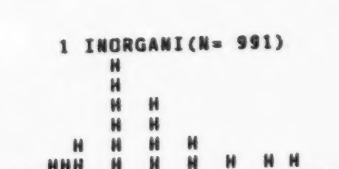


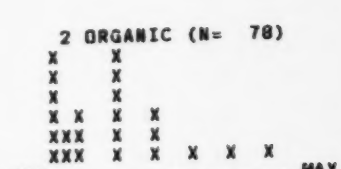


****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	7.44	0.0	99.0
T (POOLED)	7.58	0.0000	1067
F(FOR VARIANCES) LEVENE	0.95	0.3294	1,1067

GROUP	1 INORGANI	2 ORGANIC
MEAN	10.3812	5.6666
STD DEV	5.2794	5.3976
S.E.M.	0.1677	0.6112
SAMPLE SIZE	991	78
MAXIMUM	28.0000	24.0000
MINIMUM	0.0	0.0

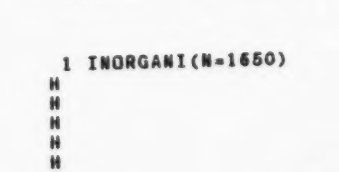


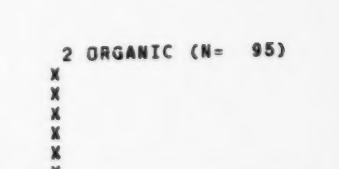


****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	1743
F(FOR VARIANCES) LEVENE	0.0	1.0000	1,1743

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	1650	95
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0





NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1756
CPU TIME USED 2.845 SECONDS

DATA 82 (ENTIRE BLOCK)

1. STATISTICS 1
2. STATISTICS 2

DATA 82 (ENTIRE BLOCK)
1. STATISTICS 1

****
* COPPER *
****

VARIABLE NUMBER	2	MAXIMUM	156.0000000
NUMBER OF DISTINCT VALUES .	68	MINIMUM	1.0000000
NUMBER OF VALUES COUNTED. .	3547	RANGE	155.0000000
NUMBER OF VALUES NOT COUNTED	0	VARIANCE	53.9003448
		ST.DEV.	7.3416862
		(Q3-Q1)/2	4.0000000
		MX.ST.SC.	19.23
		MN.ST.SC.	-1.88

LOCATION ESTIMATES

		ST.ERROR
MEAN	14.7998304	0.1232722
MEDIAN	14.0000000	0.2886752
MODE	10.0000000	

EACH 'H' REPRESENTS 128 COUNT(S)

EACH '-' ABOVE = 5.0000
L= 0.0
U= 174.9999

CASE NO. OF MIN. VAL. = 2323
CASE NO. OF MAX. VAL. = 1565

	VALUE	VALUE/S.E.
SKEWNESS	3.65	80.81
KURTOSIS	44.45	540.37

Q1= 10.0000000
Q3= 18.0000000
S-= 7.4581442
S+= 22.1415100

EACH '.' BELOW = 1.5000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
1.	1	0.0	0.0	16.	215	6.1	69.0	31.	13	0.4	97.2	47.	1	0.0	99.5
2.	6	0.2	0.2	17.	109	5.3	74.4	32.	15	0.4	97.6	48.	2	0.1	99.6
3.	28	0.8	1.0	18.	101	5.1	79.5	33.	11	0.3	97.9	49.	3	0.1	99.7
4.	30	0.8	1.8	19.	121	3.4	82.9	34.	5	0.1	98.1	53.	1	0.0	99.7
5.	45	1.3	3.1	20.	86	2.4	85.3	35.	14	0.4	98.5	54.	2	0.1	99.8
6.	85	2.4	5.5	21.	80	2.3	87.6	36.	2	0.1	98.5	57.	1	0.0	99.8
7.	101	2.8	8.3	22.	65	1.8	89.4	37.	6	0.2	98.7	58.	1	0.0	99.8
8.	148	4.2	12.5	23.	58	1.6	91.0	38.	1	0.0	98.7	60.	1	0.0	99.9
9.	228	6.4	18.9	24.	49	1.4	92.4	39.	9	0.3	99.0	63.	1	0.0	99.9
10.	287	8.1	27.0	25.	30	0.8	93.3	40.	5	0.1	99.1	66.	1	0.0	99.9
11.	251	7.1	34.1	26.	36	1.0	94.3	41.	3	0.1	99.2	68.	1	0.0	99.9
12.	284	8.0	42.1	27.	37	1.0	95.3	42.	3	0.1	99.3	77.	1	0.0	100.0
13.	276	7.8	49.9	28.	26	0.7	96.1	43.	2	0.1	99.4	156.	1	0.0	100.0
14.	227	6.4	56.3	29.	10	0.3	96.3	44.	3	0.1	99.4				
15.	237	6.7	63.0	30.	18	0.5	96.8	45.	3	0.1	99.5				

****
* LEAD *
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VARIABLE NUMBER	3
NUMBER OF DISTINCT VALUES .	66
NUMBER OF VALUES COUNTED. .	3547
NUMBER OF VALUES NOT COUNTED	0

MAXIMUM	209.0000000
MINIMUM	5.0000000
RANGE	204.0000000
VARIANCE	82.7144775
ST.DEV.	9.0947504
(Q3-Q1)/2	4.5000000
MX.ST.SC.	20.11
MN.ST.SC.	-2.32

LOCATION ESTIMATES

		ST.ERROR
MEAN	26.1121979	0.1527074
MEDIAN	25.0000000	0.0
MODE	23.0000000	

EACH '-' ABOVE = 7.5000
L= 0.0
U= 262.4998

CASE NO. OF MIN. VAL. = 1480
CASE NO. OF MAX. VAL. = 2096

	VALUE	VALUE/S.E.
SKEWNESS	5.35	130.14
KURTOSIS	81.24	987.65

Q1= 21.0000000
Q3= 30.0000000
S-= 17.0174408
S+= 35.2069397

EACH '.' BELOW = 2.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
5.	3	0.1	0.1	24.	237	6.7	47.6	41.	8	0.2	95.7	62.	2	0.1	99.5
8.	3	0.1	0.2	25.	253	7.1	54.8	42.	22	0.6	96.3	63.	2	0.1	99.5
9.	10	0.3	0.5	26.	209	5.9	60.6	43.	24	0.7	97.0	64.	1	0.0	99.5
10.	11	0.3	0.8	27.	227	6.4	67.0	44.	10	0.3	97.3	65.	1	0.0	99.6
11.	3	0.1	0.8	28.	170	4.8	71.8	45.	6	0.2	97.5	71.	3	0.1	99.7
12.	16	0.5	1.3	29.	101	2.8	74.7	46.	15	0.4	97.9	75.	1	0.0	99.7
13.	16	0.5	1.7	30.	142	4.0	78.7	47.	6	0.2	98.1	76.	3	0.1	99.8
14.	41	1.2	2.9	31.	163	4.6	83.3	48.	8	0.2	98.3	78.	1	0.0	99.8
15.	56	1.6	4.5	32.	31	0.9	84.2	49.	7	0.2	98.5	81.	1	0.0	99.8
16.	57	1.6	6.1	33.	86	2.4	86.6	50.	9	0.3	98.7	83.	1	0.0	99.9
17.	88	2.5	8.6	34.	82	2.3	88.9	51.	1	0.0	98.8	96.	1	0.0	99.9
18.	156	4.4	13.0	35.	43	1.2	90.1	52.	11	0.3	99.1	98.	1	0.0	99.9
19.	135	3.8	16.8	36.	51	1.4	91.5	53.	3	0.1	99.2	102.	1	0.0	99.9
20.	173	4.9	21.7	37.	60	1.7	93.2	54.	2	0.1	99.2	190.	1	0.0	100.0
21.	205	5.8	27.4	38.	17	0.5	93.7	55.	2	0.1	99.3	209.	1	0.0	100.0
22.	197	5.6	33.0	39.	29	0.8	94.5	59.	3	0.1	99.4				
23.	282	8.0	40.9	40.	34	1.0	95.5	61.	2	0.1	99.4				

****
* ZINC *
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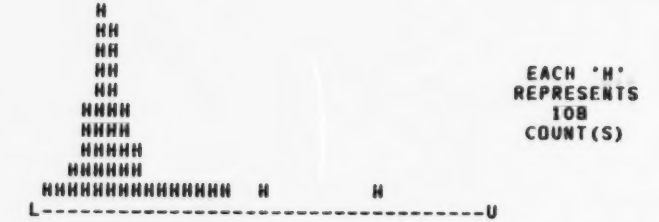
VARIABLE NUMBER 4
NUMBER OF DISTINCT VALUES . 159
NUMBER OF VALUES COUNTED. . 3547
NUMBER OF VALUES NOT COUNTED 0

MAXIMUM	391.0000000
MINIMUM	10.0000000
RANGE	381.0000000
VARIANCE	567.5234375
ST.DEV.	23.8227539
(Q3-Q1)/2	13.5000000
MX.ST.SC.	13.14
MN.ST.SC.	-2.86

LOCATION ESTIMATES

		ST.ERROR
MEAN	78.0310059	0.4000012
MEDIAN	75.0000000	0.2886752
MODE	66.0000000	



EACH '-' ABOVE = 15.0000
L= 0.0
U= 525.0000
CASE NO. OF MIN. VAL. = 1102
CASE NO. OF MAX. VAL. = 1883

	VALUE	VALUE/S.E.
SKEWNESS	1.62	39.44
KURTOSIS	11.55	140.43

Q1= 63.0000000
Q3= 90.0000000
S-= 54.2082520
S+= 101.8537598

EACH '.' BELOW = 3.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
10.	1	0.0	0.0	58.	63	1.8	16.9	98.	31	0.9	84.1	138.	3	0.1	98.3
12.	3	0.1	0.1	59.	60	1.7	18.6	99.	26	0.7	84.9	139.	2	0.1	98.4
18.	3	0.1	0.2	60.	60	1.7	20.3	100.	41	1.2	86.0	140.	2	0.1	98.4
19.	1	0.0	0.2	61.	57	1.6	21.9	101.	24	0.7	86.7	141.	4	0.1	98.6
21.	3	0.1	0.3	62.	56	1.6	23.5	102.	22	0.6	87.3	142.	2	0.1	98.6
22.	2	0.1	0.4	63.	64	1.8	25.3	103.	34	1.0	88.3	143.	2	0.1	98.7
23.	1	0.0	0.4	64.	51	1.4	26.7	104.	24	0.7	88.9	144.	1	0.0	98.7
24.	1	0.0	0.4	65.	73	2.1	28.8	105.	13	0.4	89.3	145.	1	0.0	98.7
25.	2	0.1	0.5	66.	95	2.7	31.5	106.	20	0.6	89.9	146.	2	0.1	98.8
26.	2	0.1	0.5	67.	89	2.5	34.0	107.	25	0.7	90.6	147.	1	0.0	98.8
27.	2	0.1	0.6	68.	72	2.0	36.0	108.	20	0.6	91.1	148.	3	0.1	98.9
28.	4	0.1	0.7	69.	60	1.7	37.7	109.	28	0.8	91.9	149.	2	0.1	99.0
29.	5	0.1	0.8	70.	86	2.4	40.1	110.	9	0.3	92.2	150.	1	0.0	99.0
31.	4	0.1	1.0	71.	69	1.9	42.1	111.	13	0.4	92.6	151.	1	0.0	99.0
32.	7	0.2	1.2	72.	71	2.0	44.1	112.	18	0.5	93.1	153.	1	0.0	99.0
33.	8	0.2	1.4	73.	78	2.2	46.3	113.	7	0.2	93.3	155.	4	0.1	99.2
34.	14	0.4	1.8	74.	69	1.9	48.2	114.	19	0.5	93.8	157.	2	0.1	99.2
35.	9	0.3	2.0	75.	90	2.5	50.7	115.	9	0.3	94.1	158.	1	0.0	99.2
36.	8	0.2	2.3	76.	56	1.6	52.3	116.	16	0.5	94.5	159.	1	0.0	99.3
37.	9	0.3	2.5	77.	80	2.3	54.6	117.	11	0.3	94.8	160.	1	0.0	99.3
38.	10	0.3	2.8	78.	81	2.3	56.9	118.	10	0.3	95.1	162.	3	0.1	99.4
39.	11	0.3	3.1	79.	47	1.3	58.2	119.	10	0.3	95.4	170.	2	0.1	99.4
40.	7	0.2	3.3	80.	72	2.0	60.2	120.	15	0.4	95.7	171.	2	0.1	99.5

41.	10	0.3	3.6	81.	51	1.4	61.7	121.	11	0.3	96.1	172.	1	0.0	99.5
42.	11	0.3	3.9	82.	62	1.7	63.4	122.	8	0.2	96.3	173.	2	0.1	99.6
43.	11	0.3	4.2	83.	78	2.2	65.6	123.	9	0.3	96.5	174.	1	0.0	99.6
44.	12	0.3	4.5	84.	59	1.7	67.3	124.	4	0.1	96.6	176.	1	0.0	99.6
45.	23	0.6	5.2	85.	52	1.5	68.7	125.	5	0.1	96.8	181.	2	0.1	99.7
46.	20	0.6	5.8	86.	49	1.4	70.1	126.	7	0.2	97.0	182.	1	0.0	99.7
47.	20	0.6	6.3	87.	59	1.7	71.8	127.	5	0.1	97.1	185.	1	0.0	99.7
48.	23	0.6	7.0	88.	55	1.6	73.3	128.	5	0.1	97.3	187.	1	0.0	99.8
49.	12	0.3	7.3	89.	54	1.5	74.9	129.	5	0.1	97.4	190.	1	0.0	99.8
50.	31	0.9	8.2	90.	33	0.9	75.8	130.	3	0.1	97.5	192.	1	0.0	99.8
51.	35	0.9	9.1	91.	43	1.2	77.0	131.	9	0.3	97.7	203.	1	0.0	99.9
52.	28	0.8	9.9	92.	49	1.4	78.4	132.	5	0.1	97.9	206.	1	0.0	99.9
53.	28	0.8	10.7	93.	29	0.8	79.2	133.	3	0.1	98.0	216.	1	0.0	99.9
54.	37	1.0	11.7	94.	51	1.4	80.6	134.	3	0.1	98.1	218.	1	0.0	99.9
55.	38	1.1	12.8	95.	40	1.1	81.8	135.	1	0.0	98.1	265.	1	0.0	100.0
56.	34	1.0	13.8	96.	23	0.6	82.4	136.	2	0.1	98.1	391.	1	0.0	100.0
57.	49	1.4	15.1	97.	30	0.8	83.3	137.	4	0.1	98.3				

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* MANGANES *
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		MAXIMUM	36900.0000000
		MINIMUM	19.0000000
		RANGE	36881.0000000
VARIABLE NUMBER	5	VARIANCE	1824294.0000000
NUMBER OF DISTINCT VALUES .	175	ST.DEV.	1350.6643066
NUMBER OF VALUES COUNTED. .	3544	(Q3-Q1)/2	360.0000000
NUMBER OF VALUES NOT COUNTED	3	MX.ST.SC.	26.54
		MN.ST.SC.	-0.77

LOCATION ESTIMATES

		ST.ERROR
MEAN	1052.8029785	22.6882172
MEDIAN	740.0000000	11.5470104
MODE	1100.0000000	

EACH '-' ABOVE = 1500.0000
L= 0.0
U= 52500.0000
CASE NO. OF MIN. VAL. = 934
CASE NO. OF MAX. VAL. = 773

	VALUE	VALUE/S.E.
SKEWNESS	11.23	272.94
KURTOSIS	218.69	2657.54

Q1= 480.0000000
Q3= 1200.0000000
S-= -297.8613281
S+= 2403.4672852

EACH '.' BELOW = 300.0000

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
19.	1	0.0	0.0	450.	33	0.9	23.1	890.	22	0.6	60.9	3700.	4	0.1	97.6
34.	1	0.0	0.1	460.	34	1.0	24.0	900.	23	0.6	61.6	3800.	6	0.2	97.8
40.	1	0.0	0.1	470.	33	0.9	25.0	910.	20	0.6	62.1	3900.	6	0.2	97.9
50.	3	0.1	0.2	480.	35	1.0	26.0	920.	17	0.5	62.6	4000.	5	0.1	98.1
60.	9	0.3	0.4	490.	32	0.9	26.9	930.	14	0.4	63.0	4100.	1	0.0	98.1
80.	2	0.1	0.5	500.	29	0.8	27.7	940.	11	0.3	63.3	4200.	4	0.1	98.2
90.	10	0.3	0.8	510.	28	0.8	28.5	950.	17	0.5	63.8	4300.	2	0.1	98.3
100.	7	0.2	1.0	520.	31	0.9	29.3	960.	19	0.5	64.3	4400.	5	0.1	98.4
110.	8	0.2	1.2	530.	40	1.1	30.5	970.	17	0.5	64.8	4500.	2	0.1	98.5
120.	15	0.4	1.6	540.	42	1.2	31.7	980.	15	0.4	65.2	4600.	3	0.1	98.6
130.	12	0.3	1.9	550.	44	1.2	32.9	990.	20	0.6	65.8	4700.	5	0.1	98.7
140.	8	0.2	2.2	560.	51	1.4	34.3	1000.	84	2.4	68.2	4800.	1	0.0	98.7
150.	7	0.2	2.4	570.	39	1.1	35.4	1060.	1	0.0	68.2	4900.	1	0.0	98.8
160.	16	0.5	2.8	580.	25	0.7	36.1	1100.	156	4.4	72.6	5000.	2	0.1	98.8
170.	18	0.5	3.3	590.	28	0.8	36.9	1110.	1	0.0	72.6	5100.	3	0.1	98.9
180.	16	0.5	3.8	600.	26	0.7	37.7	1200.	111	3.1	75.8	5200.	1	0.0	98.9
190.	14	0.4	4.2	610.	28	0.8	38.5	1240.	1	0.0	75.8	5300.	1	0.0	99.0
200.	19	0.5	4.7	620.	32	0.9	39.4	1250.	1	0.0	75.8	5400.	1	0.0	99.0
210.	15	0.4	5.1	630.	44	1.2	40.6	1260.	1	0.0	75.8	5500.	2	0.1	99.0
220.	20	0.6	5.7	640.	37	1.0	41.6	1300.	94	2.7	78.5	5600.	1	0.0	99.1
230.	12	0.3	6.0	650.	36	1.0	42.7	1400.	88	2.5	81.0	5700.	2	0.1	99.1
240.	16	0.5	6.5	660.	26	0.7	43.4	1500.	88	2.5	83.5	5800.	3	0.1	99.2
250.	18	0.5	7.0	670.	28	0.8	44.2	1600.	75	2.1	86.6	5900.	4	0.1	99.3

260.	11	0.3	7.3	680.	29	0.8	45.0	1700.	54	1.5	87.1	6000.	2	0.1	99.4
270.	19	0.5	7.8	690.	38	1.1	46.1	1770.	1	0.0	87.1	6100.	1	0.0	99.4
280.	18	0.5	8.4	700.	26	0.7	46.8	1800.	53	1.5	88.6	6300.	1	0.0	99.4
290.	36	1.0	9.4	710.	32	0.9	47.7	1900.	38	1.1	89.7	6400.	1	0.0	99.5
300.	24	0.7	10.0	720.	36	1.0	48.7	2000.	35	1.0	90.7	6800.	1	0.0	99.5
310.	20	0.6	10.6	730.	23	0.6	49.4	2100.	30	0.8	91.5	6900.	2	0.1	99.5
320.	24	0.7	11.3	740.	27	0.8	50.1	2200.	26	0.7	92.3	7100.	1	0.0	99.6
330.	32	0.9	12.2	750.	39	1.1	51.2	2300.	24	0.7	92.9	7200.	2	0.1	99.6
340.	25	0.7	12.9	760.	21	0.6	51.8	2400.	21	0.6	93.5	7500.	1	0.0	99.7
350.	30	0.8	13.7	770.	35	1.0	52.8	2500.	22	0.6	94.2	8100.	2	0.1	99.7
360.	38	1.1	14.8	780.	24	0.7	53.5	2600.	18	0.5	94.7	8800.	1	0.0	99.7
370.	25	0.7	15.5	790.	17	0.5	54.0	2700.	16	0.5	95.1	10000.	1	0.0	99.8
377.	1	0.0	15.5	800.	28	0.8	54.8	2800.	14	0.4	95.5	10400.	1	0.0	99.8
380.	28	0.8	16.3	810.	27	0.8	55.5	2900.	7	0.2	95.7	11600.	1	0.0	99.8
390.	17	0.5	16.8	820.	23	0.6	56.2	3000.	14	0.4	96.1	15400.	1	0.0	99.9
400.	41	1.2	18.0	830.	17	0.5	56.7	3100.	13	0.4	96.5	19900.	1	0.0	99.9
404.	1	0.0	18.0	840.	29	0.8	57.5	3200.	11	0.3	96.8	20000.	1	0.0	99.9
410.	33	0.9	18.9	850.	26	0.7	58.2	3300.	9	0.3	97.0	22100.	1	0.0	99.9
420.	40	1.1	20.1	860.	36	1.0	59.2	3400.	6	0.2	97.2	26300.	1	0.0	100.0
430.	37	1.0	21.1	870.	16	0.5	59.7	3500.	5	0.1	97.3	36900.	1	0.0	100.0
440.	37	1.0	22.2	880.	22	0.6	60.3	3600.	5	0.1	97.5				

PAGE 6 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET DATA82


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*************
* IRONPCNT *
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VARIABLE NUMBER . . . . . .        6      MAXIMUM        9.4399996
NUMBER OF DISTINCT VALUES .      341      MINIMUM        0.0500000
NUMBER OF VALUES COUNTED. .     3547      RANGE          9.3899994
NUMBER OF VALUES NOT COUNTED       0      VARIANCE       0.4163163
                                          ST.DEV.        0.6452258
                                          (Q3-Q1)/2      0.3950000
                                          MX.ST.SC.     11.10
                                          MN.ST.SC.     -3.45

LOCATION ESTIMATES                        ST.ERROR
         MEAN              2.2748146      0.0108338
         MEDIAN            2.3399992      0.0115470
         MODE              2.4299994

                 HH
                 HH
                HHHH
                HHHH                                  EACH 'H'
                HHHH                                  REPRESENTS
               HHHHH                                     72
               HHHHHH                                 COUNT(S)
              HHHHHHH
             HHHHHHHHH
            HHHHHHHHHHHHHHHH H     H      H
          L-----------------------------------U

               EACH '-' ABOVE =      0.3000
                            L=       0.0
                            U=      10.5000
          CASE NO. OF MIN. VAL. = 1580
          CASE NO. OF MAX. VAL. = 2921

                          VALUE    VALUE/S.E.      Q1=    1.9099998
          SKEWNESS        0.09         2.15        Q3=    2.6999998
          KURTOSIS        5.31        64.58        S-=    1.6295881
                                                   S+=    2.9200401

                               EACH '.' BELOW =      0.0750

              S   Q         Q  S
M             -   1    M M  3  +                                                          M
I......................E.O...................................................................A
N                      A D                                                                X
                       N E
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VALUE	COUNT	PERCENTS CELL	CUM
0.05000	1	0.0	0.0
0.18000	1	0.0	0.1
0.19000	1	0.0	0.1
0.21000	1	0.0	0.1
0.23000	1	0.0	0.1
0.29000	2	0.1	0.2
0.30000	1	0.0	0.2
0.31000	1	0.0	0.3
0.32000	1	0.0	0.3
0.34000	1	0.0	0.3
0.35000	1	0.0	0.3
0.39000	1	0.0	0.4
0.41000	2	0.1	0.4
0.47000	1	0.0	0.5
0.48000	3	0.1	0.5
0.49000	1	0.0	0.6
0.50000	1	0.0	0.6
0.51000	2	0.1	0.6
0.52000	1	0.0	0.7
0.53000	1	0.0	0.7
0.54000	2	0.1	0.8
0.55000	2	0.1	0.8
0.56000	1	0.0	0.8

VALUE	COUNT	PERCENTS CELL	CUM
1.26000	3	0.1	7.3
1.27000	1	0.0	7.3
1.28000	7	0.2	7.5
1.29000	8	0.2	7.8
1.30000	4	0.1	7.9
1.31000	7	0.2	8.1
1.32000	1	0.0	8.1
1.33000	7	0.2	8.3
1.34000	4	0.1	8.4
1.35000	3	0.1	8.5
1.36000	8	0.2	8.7
1.37000	6	0.2	8.9
1.38000	9	0.3	9.1
1.39000	5	0.1	9.3
1.40000	6	0.2	9.4
1.41000	3	0.1	9.5
1.42000	6	0.2	9.7
1.43000	4	0.1	9.8
1.44000	3	0.1	9.9
1.45000	8	0.2	10.1
1.46000	12	0.3	10.5
1.47000	6	0.2	10.6
1.48000	5	0.1	10.8

VALUE	COUNT	PERCENTS CELL	CUM
2.12000	19	0.5	36.4
2.13000	22	0.6	37.0
2.14000	24	0.7	37.7
2.15000	22	0.6	38.3
2.16000	22	0.6	38.9
2.17000	18	0.5	39.4
2.18000	18	0.5	39.9
2.19000	17	0.5	40.4
2.20000	24	0.7	41.1
2.21000	27	0.8	41.9
2.22000	22	0.6	42.5
2.23000	26	0.7	43.2
2.24000	17	0.5	43.7
2.25000	20	0.6	44.3
2.26000	22	0.6	44.9
2.27000	24	0.7	45.6
2.28000	21	0.6	46.2
2.29000	22	0.6	46.8
2.30000	28	0.8	47.6
2.31000	17	0.5	48.0
2.32000	27	0.8	48.8
2.33000	26	0.7	49.5
2.34000	32	[illegible]	50.4

VALUE	COUNT	PERCENTS CELL	CUM
2.98000	14	0.4	89.7
2.99000	10	0.3	90.0
3.00000	18	0.5	90.5
3.01000	15	0.4	90.9
3.02000	7	0.2	91.1
3.03000	12	0.3	91.4
3.04000	9	0.3	91.7
3.05000	12	0.3	92.0
3.06000	8	0.2	92.2
3.07000	10	0.3	92.5
3.08000	11	0.3	92.8
3.09000	12	0.3	93.2
3.10000	11	0.3	93.5
3.11000	9	0.3	93.7
3.12000	7	0.2	93.9
3.13000	4	0.1	94.1
3.14000	6	0.2	94.2
3.15000	4	0.1	94.3
3.16000	11	0.3	94.6
3.17000	4	0.1	94.8
3.18000	2	0.1	94.8
3.19000	13	0.4	95.2
3.20000	8	0.2	95.4

0.58000	1	0.0	0.9
0.60000	3	0.1	1.0
0.61000	2	0.1	1.0
0.62000	3	0.1	1.1
0.63000	2	0.1	1.2
0.64000	1	0.0	1.2
0.65000	3	0.1	1.3
0.67000	1	0.0	1.3
0.69000	3	0.1	1.4
0.70000	8	0.2	1.6
0.71000	3	0.1	1.7
0.72000	3	0.1	1.8
0.73000	3	0.1	1.9
0.74000	2	0.1	1.9
0.75000	2	0.1	2.0
0.76000	5	0.1	2.1
0.78000	3	0.1	2.2
0.79000	2	0.1	2.3
0.80000	5	0.1	2.4
0.81000	4	0.1	2.5
0.82000	3	0.1	2.6
0.83000	3	0.1	2.7
0.84000	3	0.1	2.8
0.85000	5	0.1	2.9
0.86000	4	0.1	3.0
0.87000	4	0.1	3.1
0.88000	5	0.1	3.3
0.89000	7	0.2	3.5
0.90000	1	0.0	3.5
0.91000	2	0.1	3.6
0.92000	5	0.1	3.7
0.93000	2	0.1	3.7
0.94000	4	0.1	3.9
0.95000	2	0.1	3.9
0.96000	1	0.0	3.9
0.97000	5	0.1	4.1
0.98000	2	0.1	4.1
0.99000	4	0.1	4.3
1.00000	1	0.0	4.3
1.01000	5	0.1	4.4
1.02000	9	0.3	4.7
1.03000	4	0.1	4.8
1.04000	2	0.1	4.8
1.05000	4	0.1	5.0
1.06000	1	0.0	5.0
1.07000	7	0.2	5.2
1.08000	4	0.1	5.3
1.09000	1	0.0	5.3
1.10000	5	0.1	5.5
1.11000	2	0.1	5.5
1.12000	5	0.1	5.7
1.13000	3	0.1	5.8
1.14000	2	0.1	5.8
1.16000	5	0.1	5.9
1.17000	4	0.1	6.1
1.18000	5	0.1	6.2
1.19000	2	0.1	6.3
1.20000	6	0.2	6.4
1.21000	7	0.2	6.6
1.22000	7	0.2	6.8
1.23000	4	0.1	6.9
1.49000	9	0.3	11.0
1.50000	11	0.3	11.3
1.51000	12	0.3	11.7
1.52000	10	0.3	12.0
1.53000	8	0.2	12.2
1.54000	9	0.3	12.4
1.55000	8	0.2	12.7
1.56000	4	0.1	12.8
1.57000	7	0.2	13.0
1.58000	20	0.6	13.5
1.59000	9	0.3	13.8
1.60000	10	0.3	14.1
1.61000	6	0.2	14.2
1.62000	8	0.2	14.5
1.63000	14	0.4	14.9
1.64000	12	0.3	15.2
1.65000	16	0.5	15.6
1.66000	11	0.3	16.0
1.67000	8	0.2	16.2
1.68000	12	0.3	16.5
1.69000	15	0.4	16.9
1.70000	9	0.3	17.2
1.71000	15	0.4	17.6
1.72000	19	0.5	18.2
1.73000	8	0.2	18.4
1.74000	14	0.4	18.8
1.75000	11	0.3	19.1
1.76000	16	0.5	19.5
1.77000	7	0.2	19.7
1.78000	16	0.5	20.2
1.79000	11	0.3	20.5
1.80000	14	0.4	20.9
1.81000	11	0.3	21.2
1.82000	17	0.5	21.7
1.83000	13	0.4	22.0
1.84000	20	0.6	22.6
1.85000	13	0.4	23.0
1.86000	11	0.3	23.3
1.87000	8	0.2	23.5
1.88000	18	0.5	24.0
1.89000	15	0.4	24.4
1.90000	16	0.5	24.9
1.91000	21	0.6	25.5
1.92000	12	0.3	25.8
1.93000	15	0.4	26.2
1.94000	19	0.5	26.8
1.95000	16	0.5	27.2
1.96000	23	0.6	27.9
1.97000	17	0.5	28.3
1.98000	11	0.3	28.6
1.99000	14	0.4	29.0
2.00000	22	0.6	29.7
2.01000	15	0.4	30.1
2.02000	14	0.4	30.5
2.03000	17	0.5	31.0
2.04000	19	0.5	31.5
2.05000	14	0.4	31.9
2.06000	21	0.6	32.5
2.07000	25	0.7	33.2
2.08000	20	0.6	33.7
2.09000	26	0.8	34.5
2.35000	34	1.0	51.4
2.36000	18	0.5	51.9
2.37000	31	0.9	52.8
2.38000	22	0.6	53.4
2.39000	21	0.6	54.0
2.40000	25	0.7	54.7
2.41000	24	0.7	55.4
2.42000	25	0.7	56.1
2.43000	38	1.1	57.1
2.44000	23	0.6	57.8
2.45000	26	0.7	58.5
2.46000	22	0.6	59.1
2.47000	20	0.6	59.7
2.48000	22	0.6	60.3
2.49000	26	0.7	61.1
2.50000	20	0.6	61.6
2.51000	26	0.7	62.4
2.52000	28	0.8	63.2
2.53000	27	0.8	63.9
2.54000	28	0.8	64.7
2.55000	15	0.4	65.1
2.56000	20	0.6	65.7
2.57000	28	0.8	66.5
2.58000	20	0.6	67.0
2.59000	16	0.5	67.5
2.60000	25	0.7	68.2
2.61000	28	0.8	69.0
2.62000	19	0.5	69.5
2.63000	22	0.6	70.1
2.64000	28	0.8	70.9
2.65000	28	0.8	71.7
2.66000	22	0.6	72.3
2.67000	21	0.6	72.9
2.68000	28	0.8	73.7
2.69000	14	0.4	74.1
2.70000	37	1.0	75.2
2.71000	23	0.6	75.8
2.72000	25	0.7	76.5
2.73000	17	0.5	77.0
2.74000	32	0.9	77.9
2.75000	27	0.8	78.7
2.76000	23	0.6	79.3
2.77000	21	0.6	79.9
2.78000	26	0.7	80.6
2.79000	18	0.5	81.1
2.80000	14	0.4	81.5
2.81000	19	0.5	82.1
2.82000	23	0.6	82.7
2.83000	18	0.5	83.2
2.84000	18	0.5	83.7
2.85000	22	0.6	84.4
2.86000	16	0.5	84.8
2.87000	25	0.7	85.5
2.88000	10	0.3	85.8
2.89000	14	0.4	86.2
2.90000	14	0.4	86.6
2.91000	15	0.4	87.0
2.92000	17	0.5	87.5
2.93000	15	0.4	87.9
2.94000	15	0.4	88.3
2.95000	10	0.3	88.6
3.21000	5	0.1	95.5
3.22000	6	0.2	95.7
3.23000	5	0.1	95.9
3.24000	3	0.1	95.9
3.25000	6	0.2	96.1
3.26000	7	0.2	96.3
3.27000	4	0.1	96.4
3.28000	4	0.1	96.5
3.30000	8	0.2	96.8
3.31000	4	0.1	96.9
3.32000	6	0.2	97.0
3.33000	6	0.2	97.2
3.34000	3	0.1	97.3
3.35000	4	0.1	97.4
3.36000	5	0.1	97.5
3.37000	4	0.1	97.7
3.38000	7	0.2	97.9
3.39000	5	0.1	98.0
3.40000	2	0.1	98.1
3.41000	3	0.1	98.1
3.42000	4	0.1	98.3
3.43000	4	0.1	98.4
3.44000	1	0.0	98.4
3.45000	3	0.1	98.5
3.46000	4	0.1	98.6
3.47000	4	0.1	98.7
3.48000	2	0.1	98.8
3.50000	1	0.0	98.8
3.51000	1	0.0	98.8
3.53000	2	0.1	98.9
3.54000	2	0.1	98.9
3.55000	2	0.1	99.0
3.56000	2	0.1	99.0
3.59000	3	0.1	99.1
3.61000	2	0.1	99.2
3.62000	1	0.0	99.2
3.63000	1	0.0	99.2
3.64000	3	0.1	99.3
3.65000	2	0.1	99.4
3.66000	1	0.0	99.4
3.69000	2	0.1	99.5
3.74000	1	0.0	99.5
3.80000	1	0.0	99.5
3.81000	1	0.0	99.5
3.89000	1	0.0	99.6
3.91000	1	0.0	99.6
3.92000	1	0.0	99.6
3.96000	1	0.0	99.7
4.00000	1	0.0	99.7
4.05000	1	0.0	99.7
4.10000	1	0.0	99.7
4.14000	1	0.0	99.8
4.20000	1	0.0	99.8
4.40000	1	0.0	99.8
4.53000	1	0.0	99.9
4.64000	1	0.0	99.9
5.12000	1	0.0	99.9
5.13000	1	0.0	99.9
6.97000	1	0.0	100.0
9.44000	1	0.0	100.0

1.24000	8	0.2	7.2	2.10000	24	0.7	35.2	2.96000	6	0.2	88.8
1.25000	2	0.1	7.2	2.11000	23	0.6	35.9	2.97000	18	0.5	89.3

PAGE 7 BMDP2D GEOCHEMISTRY STATISTICAL ANALYSES INCLUDES ALL SAMPLES FOR MAP SHEET DATA82

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* COBALT   *
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VARIABLE NUMBER	7
NUMBER OF DISTINCT VALUES .	51
NUMBER OF VALUES COUNTED. .	3544
NUMBER OF VALUES NOT COUNTED	3

MAXIMUM	97.0000000
MINIMUM	3.0000000
RANGE	94.0000000
VARIANCE	32.3604889
ST.DEV.	5.6886292
(Q3-Q1)/2	3.0000000
MX.ST.SC.	14.07
MN.ST.SC.	-2.45

LOCATION ESTIMATES

		ST.ERROR
MEAN	16.9444122	0.0955566
MEDIAN	17.0000000	0.0
MODE	18.0000000	

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       HHH
       HHH
      HHHH
      HHHHH
     HHHHHHH
 HHHHHHHHHHHHHHHHHH  H H    HH   H
L--------------------------------------U
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EACH 'H' REPRESENTS 104 COUNT(S)

EACH '-' ABOVE = 3.0000
L= 0.0
U= 104.9999
CASE NO. OF MIN. VAL. = 3546
CASE NO. OF MAX. VAL. = 1022

	VALUE	VALUE/S.E.
SKEWNESS	2.98	72.53
KURTOSIS	27.79	337.64

Q1= 14.0000000
Q3= 20.0000000
S-= 11.2557831
S+= 22.6330414

```
M       S Q       Q  S
I.......- 1..M M..3..+..............................................................
N            E.O.
             A D
             N E                                                                 .M
                                                                                   A
                                                                                   X
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EACH '.' BELOW = 0.7500

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
3.	1	0.0	0.0
4.	2	0.1	0.1
5.	21	0.6	0.7
6.	11	0.3	1.0
7.	44	1.2	2.2
8.	67	1.9	4.1
9.	56	1.6	5.7
10.	129	3.6	9.3
11.	122	3.4	12.8
12.	155	4.4	17.2
13.	216	6.1	23.3
14.	264	7.4	30.7
15.	248	7.0	37.7

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
16.	332	9.4	47.1
17.	331	9.3	56.4
18.	370	10.4	66.8
19.	288	8.1	75.0
20.	242	6.8	81.8
21.	213	6.0	87.8
22.	105	3.0	90.8
23.	113	3.2	94.0
24.	50	1.4	95.4
25.	28	0.8	96.2
26.	31	0.9	97.0
27.	15	0.4	97.5
28.	11	0.3	97.8

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
29.	7	0.2	98.0
30.	11	0.3	98.3
31.	5	0.1	98.4
32.	6	0.2	98.6
33.	5	0.1	98.7
34.	4	0.1	98.8
35.	4	0.1	99.0
36.	4	0.1	99.1
37.	3	0.1	99.2
39.	4	0.1	99.3
41.	3	0.1	99.4
43.	2	0.1	99.4
44.	1	0.0	99.4

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
45.	6	0.2	99.6
46.	1	0.0	99.6
48.	1	0.0	99.7
49.	3	0.1	99.7
51.	2	0.1	99.8
52.	1	0.0	99.8
53.	1	0.0	99.9
60.	1	0.0	99.9
66.	1	0.0	99.9
81.	1	0.0	99.9
86.	1	0.0	100.0
97.	1	0.0	100.0

****
* NICKEL *
****

VARIABLE NUMBER	8	MAXIMUM	890.0000000
NUMBER OF DISTINCT VALUES	193	MINIMUM	7.0000000
NUMBER OF VALUES COUNTED	3543	RANGE	883.0000000
NUMBER OF VALUES NOT COUNTED	4	VARIANCE	1259.3691406
		ST.DEV.	35.4875946
		(Q3-Q1)/2	13.0000000
		MX.ST.SC.	23.45
		MN.ST.SC.	-1.43

LOCATION ESTIMATES

MEAN	57.6663818	ST.ERROR 0.5961986
MEDIAN	51.0000000	0.2886752
MODE	48.0000000	

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L-------------------------------------------------------------------U
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EACH 'H' REPRESENTS 202 COUNT(S)

EACH '-' ABOVE = 30.0000
L= 0.0
U= 1050.0000

CASE NO. OF MIN. VAL. = 3222
CASE NO. OF MAX. VAL. = 1020

	VALUE	VALUE/S.E.
SKEWNESS	6.31	153.42
KURTOSIS	99.33	1206.82

Q1= 40.0000000
Q3= 66.0000000
S-= 22.1787872
S+= 93.1539764

EACH '.' BELOW = 7.5000

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  S Q  Q   S                                                                                                                  M
M - 1MM3   +                                                                                                                 A
I....EE.....                                                                                                                 X
N    DA
      IN
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VALUE	COUNT	PERCENTS CELL	CUM
7.	1	0.0	0.0
8.	3	0.1	0.1
9.	2	0.1	0.2
10.	7	0.2	0.4
11.	12	0.3	0.7
12.	6	0.2	0.9
13.	18	0.5	1.4
14.	13	0.4	1.7
15.	6	0.2	1.9
16.	15	0.4	2.3
17.	18	0.5	2.9
18.	19	0.5	3.4
19.	15	0.4	3.8
20.	13	0.4	4.2
21.	15	0.4	4.6
22.	13	0.4	5.0
23.	20	0.6	5.5
24.	17	0.5	6.0
25.	17	0.5	6.5
26.	22	0.6	7.1
27.	29	0.8	7.9
28.	23	0.6	8.6
29.	38	1.1	9.7

VALUE	COUNT	PERCENTS CELL	CUM
56.	75	2.1	60.7
57.	62	1.7	62.4
58.	59	1.7	64.1
59.	56	1.6	65.7
60.	66	1.9	67.5
61.	59	1.7	69.2
62.	41	1.2	70.3
63.	60	1.7	72.0
64.	47	1.3	73.4
65.	52	1.5	74.8
66.	31	0.9	75.7
67.	39	1.1	76.8
68.	37	1.0	77.8
69.	42	1.2	79.0
70.	36	1.0	80.0
71.	26	0.7	80.8
72.	31	0.9	81.7
73.	35	1.0	82.6
74.	25	0.7	83.3
75.	20	0.6	83.9
76.	27	0.8	84.7
77.	16	0.5	85.1
78.	14	0.4	85.5

VALUE	COUNT	PERCENTS CELL	CUM
105.	6	0.2	94.1
106.	5	0.1	94.2
107.	7	0.2	94.4
108.	4	0.1	94.5
109.	11	0.3	94.8
110.	11	0.3	95.1
111.	8	0.2	95.4
112.	12	0.3	95.7
113.	3	0.1	95.8
114.	5	0.1	95.9
115.	5	0.1	96.1
116.	4	0.1	96.2
117.	7	0.2	96.4
118.	4	0.1	96.5
119.	5	0.1	96.6
120.	4	0.1	96.8
121.	3	0.1	96.8
122.	4	0.1	97.0
123.	3	0.1	97.0
124.	5	0.1	97.2
125.	1	0.0	97.2
126.	2	0.1	97.3
127.	1	0.0	97.3

VALUE	COUNT	PERCENTS CELL	CUM
167.	1	0.0	98.5
169.	1	0.0	98.5
174.	1	0.0	98.5
176.	1	0.0	98.6
177.	1	0.0	98.6
178.	1	0.0	98.6
179.	1	0.0	98.6
183.	2	0.1	98.7
185.	2	0.1	98.8
186.	1	0.0	98.8
188.	2	0.1	98.8
194.	2	0.1	98.9
202.	2	0.1	99.0
203.	1	0.0	99.0
204.	1	0.0	99.0
206.	1	0.0	99.0
207.	1	0.0	99.1
214.	1	0.0	99.1
217.	1	0.0	99.1
221.	3	0.1	99.2
224.	1	0.0	99.2
225.	1	0.0	99.3
226.	1	0.0	99.3

30.	30	0.8	10.5
31.	35	1.0	11.5
32.	32	0.9	12.4
33.	48	1.4	13.7
34.	31	0.9	14.6
35.	59	1.7	16.3
36.	60	1.7	18.0
37.	56	1.6	19.6
38.	68	1.9	21.5
39.	67	1.9	23.4
40.	83	2.3	25.7
41.	65	1.8	27.5
42.	80	2.3	29.8
43.	70	2.0	31.8
44.	94	2.7	34.4
45.	96	2.7	37.1
46.	80	2.3	39.4
47.	80	2.3	41.7
48.	81	2.3	43.9
49.	69	1.9	45.9
50.	84	2.4	48.3
51.	80	2.3	50.5
52.	76	2.1	52.7
53.	81	2.3	55.0
54.	59	1.7	56.6
55.	68	1.9	58.5
79.	20	0.6	86.1
80.	18	0.5	86.6
81.	29	0.8	87.4
82.	16	0.5	87.9
83.	25	0.7	88.6
84.	11	0.3	88.9
85.	15	0.4	89.3
86.	16	0.5	89.8
87.	5	0.1	89.9
88.	13	0.4	90.3
89.	9	0.3	90.5
90.	8	0.2	90.7
91.	12	0.3	91.1
92.	11	0.3	91.4
93.	8	0.2	91.6
94.	8	0.2	91.8
95.	6	0.2	92.0
96.	6	0.2	92.2
97.	7	0.2	92.4
98.	8	0.2	92.6
99.	12	0.3	92.9
100.	9	0.3	93.2
101.	8	0.2	93.4
102.	6	0.2	93.6
103.	8	0.2	93.8
104.	3	0.1	93.9
128.	3	0.1	97.4
129.	3	0.1	97.5
130.	2	0.1	97.5
131.	2	0.1	97.6
132.	2	0.1	97.6
133.	2	0.1	97.7
134.	2	0.1	97.7
135.	1	0.0	97.8
136.	2	0.1	97.8
138.	1	0.0	97.9
139.	1	0.0	97.9
140.	1	0.0	97.9
141.	4	0.1	98.0
144.	1	0.0	98.1
145.	1	0.0	98.1
146.	2	0.1	98.1
148.	1	0.0	98.2
151.	1	0.0	98.2
152.	1	0.0	98.2
153.	2	0.1	98.3
154.	1	0.0	98.3
155.	1	0.0	98.3
160.	1	0.0	98.4
163.	1	0.0	98.4
165.	1	0.0	98.4
166.	1	0.0	98.4
232.	1	0.0	99.3
234.	1	0.0	99.4
238.	3	0.1	99.4
242.	1	0.0	99.5
244.	1	0.0	99.5
255.	1	0.0	99.5
264.	1	0.0	99.5
266.	1	0.0	99.6
269.	1	0.0	99.6
270.	1	0.0	99.6
272.	1	0.0	99.7
273.	1	0.0	99.7
279.	1	0.0	99.7
281.	1	0.0	99.7
294.	1	0.0	99.8
296.	1	0.0	99.8
306.	1	0.0	99.8
324.	1	0.0	99.9
325.	1	0.0	99.9
357.	1	0.0	99.9
365.	1	0.0	99.9
407.	1	0.0	100.0
890.	1	0.0	100.0

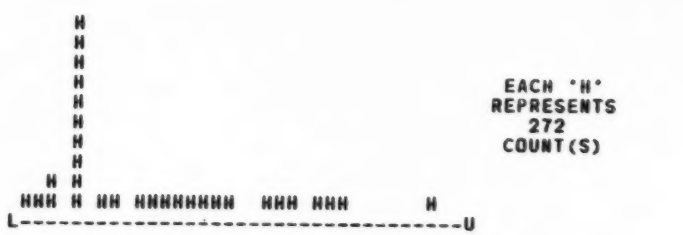
****
* SILVER *
****

VARIABLE NUMBER	9
NUMBER OF DISTINCT VALUES .	25
NUMBER OF VALUES COUNTED. .	3543
NUMBER OF VALUES NOT COUNTED	4

MAXIMUM	6.5000000
MINIMUM	0.1000000
RANGE	6.3999996
VARIANCE	0.1138697
ST.DEV.	0.3374460
(Q3-Q1)/2	0.0
MX.ST.SC.	16.30
MN.ST.SC.	-2.67

LOCATION ESTIMATES

		ST.ERROR
MEAN	1.0005913	0.0056692
MEDIAN	1.0000000	0.0
MODE	1.0000000	



EACH '-' ABOVE = 0.2000
L= 0.0
U= 7.0000
CASE NO. OF MIN. VAL. = 1433
CASE NO. OF MAX. VAL. = 1102

	VALUE	VALUE/S.E.
SKEWNESS	4.16	101.17
KURTOSIS	44.51	540.82

Q1= 1.0000000
Q3= 1.0000000
S-= 0.6631453
S+= 1.3380365

EACH '.' BELOW = 0.0500

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.10000	1	0.0	0.0	2.10000	1	0.0	99.3	3.00000	1	0.0	99.7	4.70000	1	0.0	99.9
0.30000	1	0.0	0.1	2.20000	2	0.1	99.3	3.10000	1	0.0	99.7	4.80000	1	0.0	99.9
0.50000	480	13.5	13.6	2.40000	2	0.1	99.4	3.20000	2	0.1	99.7	5.00000	1	0.0	100.0
1.00000	2717	76.7	90.3	2.50000	5	0.1	99.5	3.30000	1	0.0	99.8	6.50000	1	0.0	100.0
1.40000	1	0.0	90.3	2.60000	1	0.0	99.5	3.80000	1	0.0	99.8				
1.50000	267	7.5	97.9	2.80000	1	0.0	99.6	4.00000	2	0.1	99.9				
2.00000	49	1.4	99.2	2.90000	2	0.1	99.6	4.20000	1	0.0	99.9				

****
* MOLYBDEN *
****

VARIABLE NUMBER	10
NUMBER OF DISTINCT VALUES .	5
NUMBER OF VALUES COUNTED. .	3538
NUMBER OF VALUES NOT COUNTED	9

MAXIMUM	6.0000000
MINIMUM	0.0
RANGE	6.0000000
VARIANCE	0.0206254
ST.DEV.	0.1436156
(Q3-Q1)/2	0.0
MX.ST.SC.	27.83
MN.ST.SC.	-13.95

LOCATION ESTIMATES

		ST.ERROR
MEAN	2.0036736	0.0024145
MEDIAN	2.0000000	0.0
MODE	2.0000000	

EACH 'H' REPRESENTS 353 COUNT(S)

EACH '-' ABOVE = 0.2000
L= 0.0
U= 7.0000

CASE NO. OF MIN. VAL. = 1678
CASE NO. OF MAX. VAL. = 408

	VALUE	VALUE/S.E.
SKEWNESS	9.19	223.11
KURTOSIS	316.05	3837.38

Q1= 2.0000000
Q3= 2.0000000
S-= 1.8600578
S+= 2.1472883

EACH '.' BELOW = 0.0500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.	8	0.1	0.1	3.	1	0.0	99.7	6.	1	0.0	100.0				
2.	3522	99.5	99.7	4.	9	0.3	100.0								

URANIUM

VARIABLE NUMBER	11
NUMBER OF DISTINCT VALUES	110
NUMBER OF VALUES COUNTED	1353
NUMBER OF VALUES NOT COUNTED	2194

MAXIMUM	67.7999878
MINIMUM	0.0
RANGE	67.7999878
VARIANCE	7.5955753
ST.DEV.	2.7560072
(Q3-Q1)/2	0.7999997
MX.ST.SC.	23.36
MN.ST.SC.	-1.24

LOCATION ESTIMATES

		ST.ERROR
MEAN	3.4283390	0.0749258
MEDIAN	2.7999992	0.0577350
MODE	2.3999996	

```
H
H
H
H                                                    EACH 'H'
H                                                   REPRESENTS
H                                                      82
H                                                   COUNT(S)
H
HHH
HHH
HHHHHHHHH        H                 H
L-----------------------------------U
```

EACH '-' ABOVE = 2.0000
L= 0.0
U= 70.0000

CASE NO. OF MIN. VAL. = 1678
CASE NO. OF MAX. VAL. = 1660

	VALUE	VALUE/S.E.
SKEWNESS	11.50	172.72
KURTOSIS	234.12	1757.84

Q1= 2.1999998
Q3= 3.7999992
S-= 0.6723318
S+= 6.1843462

EACH '.' BELOW = 0.7500

```
 S Q Q  S
M- HHH  +
I..OEE.....................................................................M
N  DDA                                                                    A
   EIN                                                                    X
```

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.0	5	0.4	0.4	3.4000	25	1.8	68.4	6.2000	3	0.2	92.4	9.4000	1	0.1	98.0
0.4000	1	0.1	0.4	3.5000	26	1.9	70.4	6.3000	5	0.4	92.8	9.6000	1	0.1	98.1
0.5000	2	0.1	0.6	3.6000	27	2.0	72.4	6.4000	2	0.1	92.9	9.7000	1	0.1	98.2
0.7000	2	0.1	0.7	3.7000	24	1.8	74.1	6.5000	9	0.7	93.6	9.8000	1	0.1	98.2
1.0000	2	0.1	0.9	3.8000	20	1.5	75.6	6.6000	3	0.2	93.8	9.9000	1	0.1	98.3
1.1000	2	0.1	1.0	3.9000	24	1.8	77.4	6.7000	5	0.4	94.2	10.5000	2	0.1	98.4
1.2000	1	0.1	1.1	4.0000	6	0.4	77.8	6.8000	5	0.4	94.5	10.7000	1	0.1	98.5
1.3000	6	0.4	1.6	4.1000	18	1.3	79.2	6.9000	3	0.2	94.8	10.8000	1	0.1	98.6
1.4000	10	0.7	2.3	4.2000	14	1.0	80.2	7.0000	2	0.1	94.9	10.9000	1	0.1	98.7
1.5000	11	0.8	3.1	4.3000	15	1.1	81.3	7.1000	5	0.4	95.3	11.0000	1	0.1	98.7
1.6000	26	1.9	5.0	4.4000	15	1.1	82.4	7.2000	4	0.3	95.6	11.3000	1	0.1	98.8
1.7000	38	2.8	7.8	4.5000	12	0.9	83.3	7.3000	4	0.3	95.9	11.6000	2	0.1	98.9
1.8000	40	3.0	10.8	4.6000	10	0.7	84.0	7.4000	1	0.1	95.9	11.7000	1	0.1	99.0
1.9000	54	4.0	14.8	4.7000	10	0.7	84.8	7.5000	2	0.1	96.1	12.0000	1	0.1	99.1
2.0000	38	2.8	17.6	4.8000	12	0.9	85.7	7.6000	2	0.1	96.2	12.8000	1	0.1	99.2
2.1000	43	3.2	20.8	4.9000	13	1.0	86.6	7.7000	1	0.1	96.3	13.4000	1	0.1	99.3
2.2000	58	4.3	25.1	5.0000	3	0.2	86.8	7.8000	5	0.4	96.7	13.6000	1	0.1	99.3
2.3000	76	5.6	30.7	5.1000	10	0.7	87.6	7.9000	1	0.1	96.7	13.7000	1	0.1	99.4
2.4000	81	6.0	36.7	5.2000	11	0.8	88.4	8.1000	1	0.1	96.8	13.9000	1	0.1	99.5
2.5000	58	4.3	40.9	5.3000	7	0.5	88.9	8.2000	1	0.1	96.9	14.2000	1	0.1	99.6
2.6000	54	4.0	44.9	5.4000	5	0.4	89.3	8.3000	2	0.1	97.0	15.1000	1	0.1	99.6
2.7000	47	3.5	48.4	5.5000	6	0.4	89.7	8.6000	2	0.1	97.2	15.6000	1	0.1	99.7
2.8000	47	3.5	51.9	5.6000	8	0.6	90.3	8.7000	2	0.1	97.3	16.9000	1	0.1	99.8

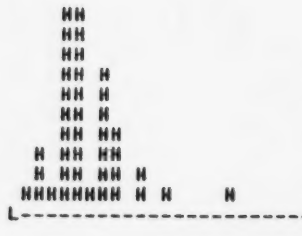
2.9000	53	3.9	55.8	5.7000	6	0.4	90.8	8.8000	3	0.2	97.6	17.5000	1	0.1	99.9
3.0000	25	1.8	57.6	5.8000	4	0.3	91.1	8.9000	1	0.1	97.6	35.7000	1	0.1	99.9
3.1000	41	3.0	60.7	5.9000	8	0.6	91.6	9.0000	1	0.1	97.7	67.8000	1	0.1	100.0
3.2000	41	3.0	63.7	6.0000	4	0.3	91.9	9.1000	1	0.1	97.8				
3.3000	39	2.9	66.6	6.1000	3	0.2	92.2	9.2000	2	0.1	97.9				

****
* TUNGSTEN *
****

VARIABLE NUMBER	12	MAXIMUM	80.0000000
NUMBER OF DISTINCT VALUES .	14	MINIMUM	0.0
NUMBER OF VALUES COUNTED. .	2606	RANGE	80.0000000
NUMBER OF VALUES NOT COUNTED	941	VARIANCE	36.9547424
		ST.DEV.	6.0790415
		(Q3-Q1)/2	4.0000000
		MX.ST.SC.	11.11
		MN.ST.SC.	-2.05

LOCATION ESTIMATES

		ST.ERROR
MEAN	12.4911737	0.1190825
MEDIAN	12.0000000	0.0
MODE	12.0000000	



EACH '-' ABOVE = 2.5000
L= 0.0
U= 87.5000
CASE NO. OF MIN. VAL. = 1660
CASE NO. OF MAX. VAL. = 2122

	VALUE	VALUE/S.E.
SKEWNESS	1.56	32.50
KURTOSIS	11.89	123.91

Q1= 8.0000000
Q3= 16.0000000
S-= 6.4121323
S+= 18.5702057

EACH '.' BELOW = 0.7500

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0.	35	1.3	1.3	8.	708	27.2	37.0	18.	2	0.1	83.3	40.	7	0.3	99.9
2.	36	1.4	2.7	12.	734	28.2	65.1	20.	279	10.7	94.0	80.	2	0.1	100.0
4.	183	7.0	9.7	14.	1	0.0	65.2	24.	113	4.3	98.3				
6.	1	0.0	9.8	16.	471	18.1	83.2	28.	34	1.3	99.7				

DATA 82 (ENTIRE BLOCK)

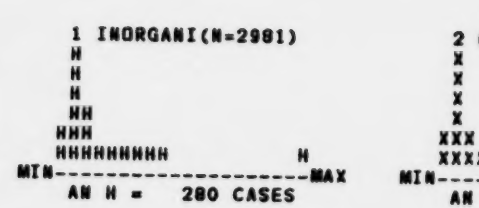
1. STATISTICS 2

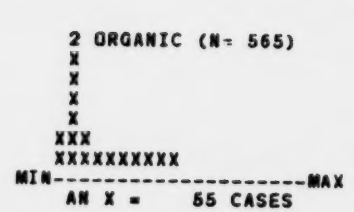
DIFFERENCES ON SINGLE VARIABLES

****
* COPPER * VARIABLE NUMBER 3
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	1.48	0.1393	717.6
T (POOLED)	1.68	0.0925	3544
F(FOR VARIANCES)			
LEVENE	13.03	0.0003	1,3544

GROUP	1 INORGANI	2 ORGANIC
MEAN	14.8882	14.3216
STD DEV	7.0832	8.5601
S.E.M.	0.1297	0.3601
SAMPLE SIZE	2981	565
MAXIMUM	156.0000	77.0000
MINIMUM	1.0000	2.0000

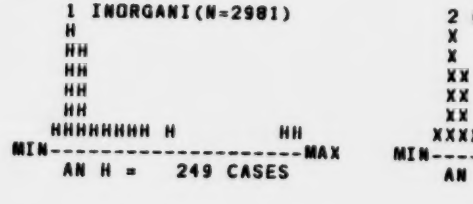


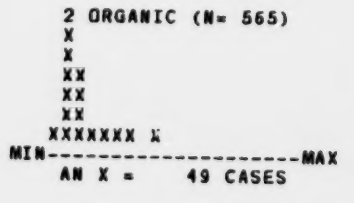


****
* LEAD * VARIABLE NUMBER 4
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.03	0.9758	846.5
T (POOLED)	0.03	0.9774	3544
F(FOR VARIANCES)			
LEVENE	0.23	0.6309	1,3544

GROUP	1 INORGANI	2 ORGANIC
MEAN	26.1089	26.0971
STD DEV	9.2260	8.3522
S.E.M.	0.1690	0.3514
SAMPLE SIZE	2981	565
MAXIMUM	209.0000	96.0000
MINIMUM	5.0000	9.0000

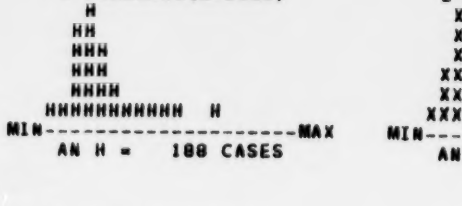


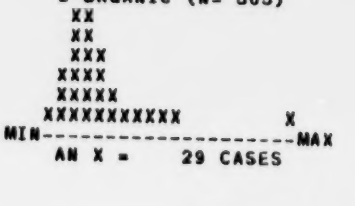


****
* ZINC * VARIABLE NUMBER 5
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.95	0.0033	690.8
T (POOLED)	3.56	0.0004	3544
F(FOR VARIANCES)			
LEVENE	25.93	0.0000	1,3544

GROUP	1 INORGANI	2 ORGANIC
MEAN	78.6541	74.7679
STD DEV	22.4570	29.7640
S.E.M.	0.4113	1.2522
SAMPLE SIZE	2981	565
MAXIMUM	265.0000	391.0000
MINIMUM	10.0000	12.0000

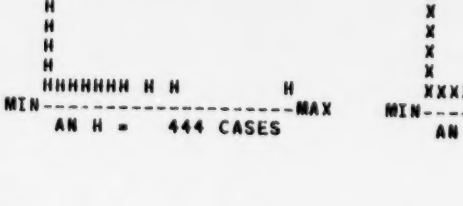


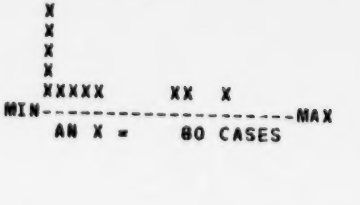


****
* MANGANES * VARIABLE NUMBER 6
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.78	0.0754	648.1
T (POOLED)	-2.43	0.0152	3541
F(FOR VARIANCES)			
LEVENE	33.72	0.0000	1,3541

GROUP	1 INORGANI	2 ORGANIC
MEAN	1028.9031	1179.4045
STD DEV	1207.0498	1937.2329
S.E.M.	22.1151	81.5722
SAMPLE SIZE	2979	564
MAXIMUM	36900.0000	26300.0000
MINIMUM	19.0000	34.0000



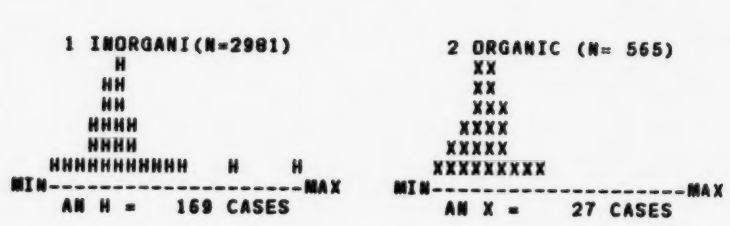


DIFFERENCES ON SINGLE VARIABLES

****
* IRON * VARIABLE NUMBER 7
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	16.04	0.0	757.4
T (POOLED)	16.93	0.0000	3544
F(FOR VARIANCES) LEVENE	8.75	0.0031	1,3544

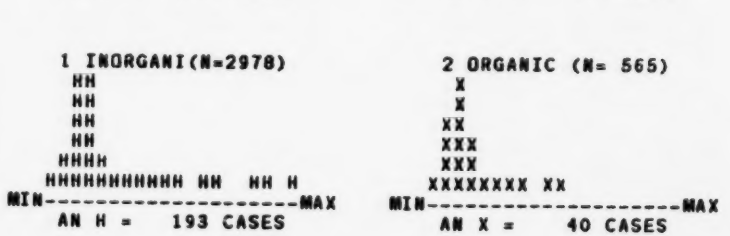
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.3515	1.8699
STD DEV	0.6118	0.6624
S.E.M.	0.0112	0.0279
SAMPLE SIZE	2981	565
MAXIMUM	9.4400	4.2000
MINIMUM	0.0500	0.1800



****
* COBALT * VARIABLE NUMBER 8
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	6.97	0.0	770.6
T (POOLED)	7.20	0.0000	3541
F(FOR VARIANCES) LEVENE	7.20	0.0073	1,3541

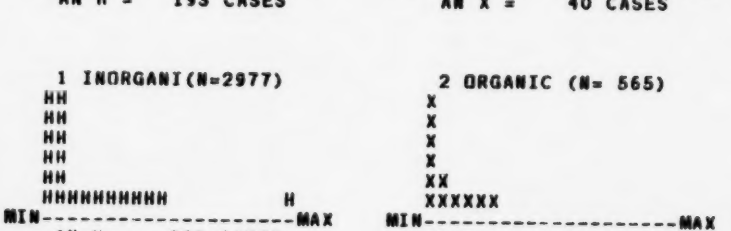
GROUP	1 INORGANI	2 ORGANIC
MEAN	17.2359	15.3716
STD DEV	5.5985	5.8765
S.E.M.	0.1026	0.2472
SAMPLE SIZE	2978	565
MAXIMUM	97.0000	53.0000
MINIMUM	4.0000	3.0000



****
* NICKEL * VARIABLE NUMBER 9
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	12.74	0.0	1116.1
T (POOLED)	9.71	0.0000	3540
F(FOR VARIANCES) LEVENE	30.49	0.0000	1,3540

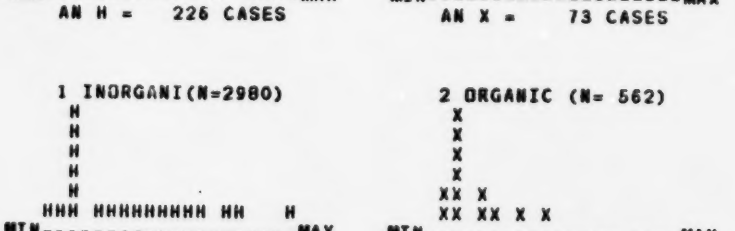
GROUP	1 INORGANI	2 ORGANIC
MEAN	60.1580	44.5538
STD DEV	36.6979	24.3423
S.E.M.	0.6726	1.0241
SAMPLE SIZE	2977	565
MAXIMUM	890.0000	238.0000
MINIMUM	7.0000	8.0000



****
* SILVER * VARIABLE NUMBER 10
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-4.04	0.0001	717.0
T (POOLED)	-4.55	0.0000	3540
F(FOR VARIANCES) LEVENE	88.71	0.0000	1,3540

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.9891	1.0595
STD DEV	0.3256	0.3887
S.E.M.	0.0060	0.0164
SAMPLE SIZE	2980	562
MAXIMUM	6.5000	3.0000
MINIMUM	0.1000	0.5000

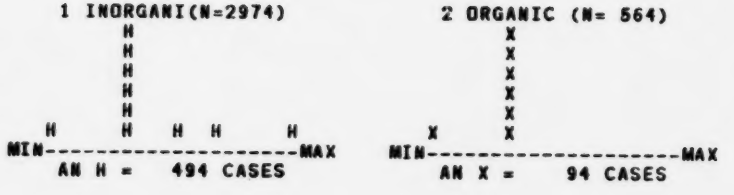


DIFFERENCES ON SINGLE VARIABLES

****
* MOLYBDEN * VARIABLE NUMBER 11
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	2.77	0.0058	714.7
T (POOLED)	3.16	0.0016	3536
F(FOR VARIANCES)			
LEVENE	4.26	0.0391	1,3536

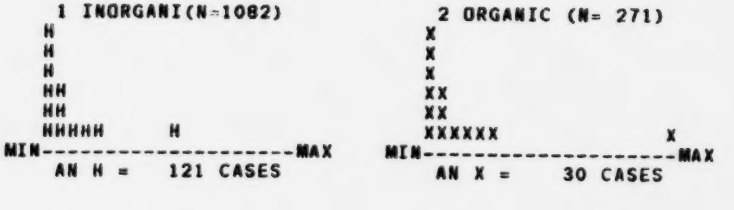
GROUP	1 INORGANI	2 ORGANIC
MEAN	2.0065	1.9857
STD DEV	0.1382	0.1680
S.E.M.	0.0025	0.0071
SAMPLE SIZE	2974	564
MAXIMUM	6.0000	2.0000
MINIMUM	0.0	0.0



****
* URANIUM * VARIABLE NUMBER 12
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-1.47	0.1416	297.3
T (POOLED)	-2.25	0.0243	1351
F(FOR VARIANCES)			
LEVENE	19.16	0.0000	1,1351

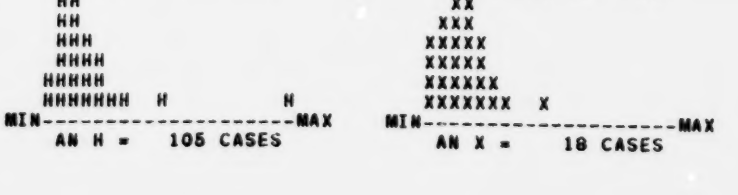
GROUP	1 INORGANI	2 ORGANIC
MEAN	3.3438	3.7653
STD DEV	2.0466	4.5956
S.E.M.	0.0622	0.2792
SAMPLE SIZE	1082	271
MAXIMUM	35.7000	67.8000
MINIMUM	0.5000	0.0



****
* TUNGSTEN * VARIABLE NUMBER 13
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	-2.45	0.0147	595.3
T (POOLED)	-2.64	0.0083	2604
F(FOR VARIANCES)			
LEVENE	22.50	0.0000	1,2604

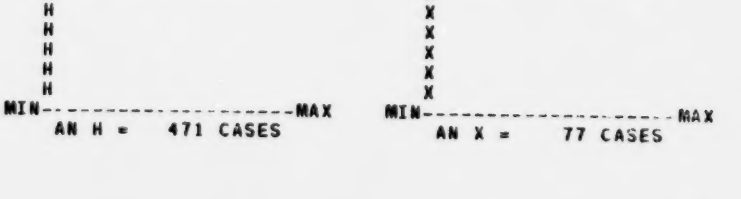
GROUP	1 INORGANI	2 ORGANIC
MEAN	12.3483	13.1846
STD DEV	5.9394	6.6794
S.E.M.	0.1277	0.3170
SAMPLE SIZE	2162	444
MAXIMUM	80.0000	40.0000
MINIMUM	0.0	0.0



****
* ANTIMONY * VARIABLE NUMBER 14
****

STATISTICS		P-VALUE	DF
T (SEPARATE)	0.0	1.0000	0.0
T (POOLED)	0.0	1.0000	3284
F(FOR VARIANCES)			
LEVENE	0.0	1.0000	1,3284

GROUP	1 INORGANI	2 ORGANIC
MEAN	0.0	0.0
STD DEV	0.0	0.0
S.E.M.	0.0	0.0
SAMPLE SIZE	2824	462
MAXIMUM	0.0	0.0
MINIMUM	0.0	0.0



NUMBER OF INTEGER WORDS OF STORAGE USED IN PRECEDING PROBLEM 1752
CPU TIME USED 4.623 SECONDS